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Crawford



Avalanche

JUSTICE AND RIGHT

VOLUME FIFTY

GRAYLING, MICHIGAN, NOVEMBER 8, 1928

NUMBER 45

HOOVER IS ELECTED TO THE PRESIDENCY BY BIG MAJORITY

AVALANCHE OF VOTES SWEEPS REPUBLICAN NOMINEE TO DECISIVE VICTORY OVER ALFRED E. SMITH

"Solid South" Is Broken—First Time Since Civil War

Herbert Hoover was elected president of the United States, on Tuesday, by a majority that assumed overwhelming proportions, administering to his opponent, Alfred E. Smith, one of the most crushing defeats ever inflicted on a Democratic candidate for the presidency.

Hoover's strength came from North, East, South and West. For the first time since Civil War days, the "Solid South" which has always gone Democratic has had the barriers broken down.

On returns tabulated up to late Wednesday, it seemed certain that at least 3 of the 10 "Solid South" states had gone to Hoover—Florida, Virginia and North Carolina—while the vote in Texas was so close that final official returns may be necessary to decide the result.

Returns late Wednesday definitely gave Hoover 412 electoral votes as against 69 for Smith. The states conceded to Smith were: Alabama, Arkansas, Georgia, Louisiana, Mississippi, Rhode Island, and South Carolina. Doubtful states at the time of this tabulation were: Massachusetts, with 18 electoral votes, Texas, with 20 electoral votes, and North Carolina with 12 electoral votes. All the others went to Hoover.

Smith Loses New York Governor Smith lost his own state of New York by approximately 100,000. New York City gave him a majority of about 450,000, but the up-state vote was so overwhelmingly for Hoover that the lead given Smith in the metropolis was overshadowed.

Greater New York, embracing the five boroughs that four times have combined to send him to the executive mansion at Albany, threw him down in his great thrust for the presidency.

Smith Congratulates Hoover

Shortly after midnight Tuesday when the returns from all parts of the country unmistakably showed that Hoover was elected, Governor Alfred E. Smith, his Democratic opponent, sent the following telegram of congratulations to Hoover:

"Hon. Herbert Hoover, Palo Alto, California:
I congratulate you heartily on your victory and extend to you my sincere good wishes for your health and happiness and for the success of your administration.
(Signed): "Alfred E. Smith."

In his fight against Roosevelt for the governorship four years ago, the greater city sent him northward into the Republican up-state counties with 520,000 majority. Two years ago in his fight for re-election against Ogden L. Mills his home town sent him on his way again with 484,000.

This year, with the presidency at stake, and with enormously increased registration Governor Smith and his managers had confidently looked forward to 600,000 majority in New York City. It gave him, instead, about 450,000, a cool hundred thousand less than it gave him four years ago, and that was just about the difference between victory and defeat.

Senate Is Republican

Equally important as affecting the course of governmental events in the next four years is the fact that the avalanche of votes for Mr. Hoover has carried with it a Congress more strongly Republican than was produced by the Harding landslide in 1920. The majority party has gained at least nine seats in the Senate with the possibility of one or two additional. On the minimum calculation of Republican strength the Senate will stand 59 Republicans, 38 Democrats and one Farmer-Laborite.

Returns on the House of Representatives still are incomplete, but the indications are that the Republicans have increased their present safe working majority of 36 in that body by 25 or more.

For the first time in eight years the Republicans will be able to organize both branches without the aid of the group of insurgents typified by Senators George W. Norris of Nebraska, and Robert M. LaFollete, Jr., of Wisconsin.

Break in South Decisive The break in the South, although long delayed, was no half-hearted affair. On the basis of the returns so far received, Florida promised to go Republican by 25,000 or more. Virginia, almost complete, showed a majority of 20,000 and in North Carolina the Hoover-Curtis ticket was leading by nearly 6,000 with many of the normally Republican precincts of the western, mountain section of the state still to be heard from. With 216 of the 253 counties in Texas all or partially reported Mr. Hoover was leading there with 244,354 votes to 235,376 for Smith.

The result in the border states was equally decisive. The Hoover majority in Kentucky, it was indicated, would reach near 200,000; in Oklahoma 25,000 and Tennessee 20,000. The Maryland majority was approximately 65,000.

Without exception the 12 Republican senators who were candidates for re-election have been returned and to these have been added Theodore E. Burton, nominated in Ohio for the vacancy created by the death of Frank B. Willis; Frederick C. Walcott, close personal friend of Mr. Hoover, who will replace George P. McLean of Connecticut, voluntarily retired; and Otis F. Glenn, chosen for the Illinois seat from which Frank L. Smith was ousted.

Democratic Veterans Lose The Hoover sweep, on the other hand, carried down to defeat a large number of veteran Democratic senators, despite the fact that most of these ran well ahead of the presidential candidates of their party.

Thomas F. Bayard of Delaware, William Cabell Bruce of Maryland, Edward I. Edwards of New Jersey, Peter Goellet Gerry of Rhode Island, M. M. Neely of West Virginia and Clarence C. Dill of Washington are certainly defeated. In their places in the order named will come John G. Townsend, Phillips Lee Goldsborough, Hamilton F. Kean, Felix Hebert, Henry D. Hatfield and Kenneth Mackintosh, all regular Republicans.

Roacoe Patterson, Republican, has been elected as successor to James A. Reed of Missouri, who declined to run for re-election.

Royal S. Copeland of New York, John B. Kendrick of Wyoming, Key Pittman of Nevada, David I. Walsh of Massachusetts, William H. King of Utah, and Burton C. Wheeler of Montana, are other Democrats of long service in the Senate who are now in the lead.

Henrik Shipstead, the lone Farmer-Laborite, from Minnesota, was leading his Republican opponent, Arthur E. Nelson, by a substantial majority.

Gains in Lower House Returns as to members of the House of Representatives still are meager, but the gains mostly are on the Republican side.

In Kentucky, for example, where the delegation now stands eight Democratic and three Republican, there is

a possibility that the division may be approximately evened. Reps. John W. Moore, Henry D. Moore, Virgil Chapman, Ralph Gilbert and Fred M. Wilson, all Democrats, have been defeated.

Missouri is another state where the Republicans are certain of a substantial gain in number of representatives, and it is probable that they will pick up seats in other border states, notably Oklahoma and North Carolina.

One notable victory for a Democrat was in Philadelphia where the unusually large vote polled for Gov. Smith apparently has carried down to defeat James M. Beck, distinguished lawyer and diplomat. His successful opponent is L. C. McCarron.

Two more women will be added to the membership of the House by the victory of Ruth Hanna McCormick for congressman-at-large in Illinois and Ruth Bryan Owen in Florida.

ELECTION IN CRAWFORD COUNTY

The township election board of Grayling is deserving of special mention for the fine record they made in counting the election ballots, having finished their work at about 12:00 that night. The counting and tallying of 696 votes is no small task, besides the same number of amendment ballots. The board consisted of Tony Nelson, chairman, C. O. McCullough and Clark Yost, inspectors, and Wilfred Laurant and Clarence Johnson, clerks. Johnson and Laurant can't be beaten as clerks.

Amendments The result in the county of the

vote for the several constitutional amendments is as follows:
Relative to fixing legislative districts—yes 971; no 271.
Relative to acquiring land and property for boulevards, streets and alleys—yes 869; no 278.
Relative to compensation of members of the legislature—yes 296; no 816.

LADIES AID FAIR NOVEMBER 14

The date of the Ladies Aid Fair is Wednesday, November 14, afternoon and evening. When your contributions for the various booths are ready, you may give them to the chairmen or other members of booth committees.

Chairmen are as follows:
Agricultural booth—Mrs. R. H. Gillett.
Baked Goods booth—Mrs. Jess Schoonover.

Candy booth—Mrs. Herbert Gothro. Christmas booth—Mrs. C. G. Clippert.
Flower booth—Mrs. H. A. Bauman. Grab-bag—Mrs. Lyle Milks.

Kitchen booth—Mrs. A. J. Joseph. White Elephant—Mrs. J. W. Greenwood.

Chairman of Harvest Supper—Mrs. E. J. Olson.
Chairman of Dining room—Mrs. Victor Smith.

CARD OF THANKS

Our sincere thanks is extended to our neighbors and friends for their many acts of kindness and expressions of sympathy during our recent bereavement. We also wish to thank Rev. Kjolhede and the choir of the Danish-Lutheran church.

Mrs. Victor Sorenson and family. Fortunate is the man who thinks pretty well of himself—and who doesn't?

TABULATED REPORT OF LAST TUESDAY'S ELECTION IN CRAWFORD COUNTY

	Grayling	Frederic	Lovells	Maple Forest	South Branch	Beaver Creek	Total	Majority
President								
Hoover, R.	500	88	27	39	77	40	771	537
Smith, D.	176	17	15	11	5	10	234	
U. S. Senator, full term								
Vandenberg, R.	501	87	27	39	76	41	771	555
Bailey, D.	178	0	15	7	6	10	216	
U. S. Senator, vacancy								
Vandenberg, R.	501	87	27	39	76	41	771	554
Bailey, D.	179	0	15	7	6	10	217	
Governor								
Green, R.	476	39	27	29	77	35	683	349
Comstock, D.	207	65	15	23	6	18	334	
Lieut. Governor								
Dickinson, R.	498	86	27	39	75	41	766	518
Sawyer, D.	185	17	15	15	6	10	248	
Sec'y of State								
Haggerty, R.	497	85	27	39	76	41	765	521
Brewer, D.	183	17	15	13	6	10	244	
State Treasurer								
McKay, R.	498	86	27	39	76	41	767	524
Uhl, D.	182	17	15	13	6	10	243	
Auditor General								
Fuller, R.	502	86	27	39	76	41	771	531
Ward, D.	179	17	15	13	6	10	240	
Attorney General								
Brucker, R.	499	87	27	40	76	41	770	528
Sigler, D.	181	17	15	13	6	10	242	
Justice Supreme Court, term ending Dec. 1929								
Feal, R.	499	88	27	39	76	41	770	528
Wendock, D.	181	17	15	13	6	10	242	
Justice Supreme Court, term ending Dec. 1929								
North, R.	499	88	27	39	76	41	770	529
Brown, D.	180	17	15	13	6	10	241	
Justice Supreme Court, term ending Dec. 1935								
Potter, R.	512	88	27	39	77	41	784	542
Bushnell, D.	181	17	15	13	6	10	242	
Congressman								
Woodruff, R.	505	88	27	40	79	40	779	548
Richardson, D.	174	17	15	12	8	10	231	
State Senator								
Achard, R.	501	88	27	39	76	41	772	
Representative								
Green, R.	502	88	27	40	76	41	774	538
Klee, D.	177	17	15	11	6	10	236	
Judge of Probate								
Sorenson, R.	519	88	27	42	79	45	800	
Prosecuting Attorney								
Nellis, R.	513	88	27	42	79	44	798	
County Clerk								
Gierke, R.	519	88	28	42	81	45	804	
Treasurer								
Ferguson, R.	461	91	29	40	78	42	739	458
Strachly, D.	225	13	13	12	7	11	281	
Register of Deeds								
Hazy, R.	522	88	28	44	79	45	806	
Sheriff								
Bohnmeyer, R.	443	70	25	35	77	36	666	349
Jorgenson, D.	244	34	17	18	7	17	337	
Circuit Court Com.								
Nellis, R.	514	88	27	42	78	44	798	
Coroner								
Keyport, R.	521	88	27	42	79	44	801	
Coroner								
Kraus, R.	510	87	27	40	79	42	785	
Surrey								
Richardson, R.	511	88	27	42	80	44	792	

HAVING FINE TRIP IN PHILIPPINES

Fifth of series of letters by Lieut. R. Emerson Bates, U. S. Army, written from the Philippines.

Dear Ones:
I left you several weeks ago while on the road to Zamboango. I'll try and tell you all that happened since then. If I remember correctly we had just stopped at Port Bongo and were on the road to Libago, this was a small island southeast of Zamboango, about forty miles away. A short stop there, then on to Malambui, an island near the large island of Basilan and just across from Zamboango. We got into port about ten in the morning so had all day to spend in Zamboango. As you know this is the only place in the Philippines where American troops are stationed except near Manila. One battalion of infantry and about eight officers comprise the garrison. They have a nice little post on the outskirts of the city with the offices and storerooms in an old Spanish fort. The rest of the city was not as much as I expected. It is very modern and clean and small. An hour's walk took us every place. Being a port town a great many boats stop prices were high, practically twice as high as we had found elsewhere, and very few articles for sale at that.

In the afternoon four of us took a car and drove to the San Ramon Penal farm about 25 Km from the city. It was one of the things I will remember from the trip. It was a most remarkable prison, consisting of an enclosure covering about an acre where half the prisoners were confined and outside a large farm of 1200 hectares which was cultivated by the rest of the prisoners. The enclosure was beautiful, hedges and flowers and concrete walks and paths, with a complete prison along the walls. About a dozen small buildings holding fifty prisoners each were spaced along the two sides. Each a model for ventilation and sanitation. There was a complete hospital, kitchen dining room, study hall, cinema, bakery, shoe store, tailor shop, etc. The total enrollment was about a thousand of whom half were in for murder. After having served one tenth of their sentence they could be paroled and live outside on the farm proper. There were houses where married men could live with their families and dormitories for the bachelors. Almost everything grown in the Philippines was cultivated there, hemp, sugar, potatoes, corn, rice, tobacco, bananas, camotes and even rubber. They also had a large herd of cattle, making a very complete farm. Samples of work done by the prisoners in their spare time was on sale and I purchased a camogon vase that was quite well done. That evening we were all invited over to a club "The Overseas Club" to a dance. Membership is limited to whites living there which include naturally the

(Continued on last page)



Honoring the Boys Who Are Gone And Those Who Are Here

It is our desire, on this day of each year, to express as ably as we may our sincere feelings of gratitude to those who gave so freely and so nobly of their all that we, as a nation, might endure.

Q May those who passed on to their reward rest in peace. May those who were spared be with us for long to enjoy the fruits of their sacrifice.

CRAWFORD AVALANCHE

JACK WOOD'S MALE QUARTET AND BELL RINGERS

Tuesday Evening, November 13th.

In connection with the appearance here on the Lyceum course, on Tuesday evening, Nov. 13 of Jack Wood's Male Quartet and Bell Ringers, it is interesting to know that the art of bell ringing was revealed to America first in the 840's by the late P. T. Barnum.

While touring England he heard a group of church bell ringers practicing upon hand bells, and he conceived the idea of using a larger peal of bells and playing more elaborate music.

The bells for the Barnum bell ringers were made in England, as the world's best bells always have been, but in conformity with the great showman's unfailing originality as an advertiser, he dressed the players, both men and women, in the costumes of Swiss peasants, and called them Swiss Bell Ringers. For many years this company toured the United States in wagons before railroads were at all general. The art at that time was so successful that our grandfathers recall most vividly the visit of the Swiss Bell Ringers to their native towns.

Jack Wood's Male Quartet and Bell Ringers preserve the best traditions of bell ringing and present a program in which selections played on the bells are a notable feature.

Vocal selections and instrumental numbers employing violin, cello,

banjo and piano all find a place on the varied programs of this really notable company.

Hear this fine entertainment Tuesday evening, Nov. 13th at Michelson Memorial church, 7:45 p. m. This is the second number of the Lyceum course.

GIVING ARMISTICE DAY PROGRAM

A splendid community Armistice day program is to be presented at the regular Sunday evening service at Michelson Memorial church on November 11th. The principal address will be given by Rev. Julian West of Gaylord M. E. church, taking for his subject "The American Emigration Problem." Rev. West is a student of international economic problems and it may be assured that he will deliver a message that will be worth hearing.

Charles Hill, teacher of public speaking in Grayling school will give on that evening his oration "The Theme of Peace," an Armistice day oration that won for him first honors in the State Collegiate public speaking contest last year.

The public is urged to attend this program. Don't miss hearing Rev. West and Mr. Hill.

Toast
You'll
Enjoy



When you make toast in one of our fine toasters you will enjoy it more than usual since it toasts the bread evenly, quickly and thoroughly. Let us install one in your home on trial.

Michigan Public Service Co.

Grayling, Mich.

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Everything in Lumber and Building Supplies
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Cold Weather!

Our fountain is ready to serve you the year around. If a Soda or Sundae seems too cold, try our

Hot Chocolate
"Ovaltine"
"Chocolate Fudge"
"Butterscotch Fudge"

Ice Cream is a food easy to take.



CRAWFORD AVALANCHE



W. P. Schumann, Owner and Pub'r.

SUBSCRIPTION RATES

One Year\$2.00
 Six Months 1.00
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Entered as Second Class Matter 1 the Postoffice, Grayling, Mich., under the Act of Congress of March 3, 1919.

THURSDAY, NOVEMBER 8, 1928

CARBON MONOXIDE CONQUERED

Army and Navy chemists have collaborated in the designing of a new gas mask which renders the wearer impervious to the effects of the deadly carbon monoxide gas, according to the Navy Recruiting Station at Detroit. This gas is particularly dangerous, as it is colorless, tasteless and odorless. In searching for a substance that would dissolve the gas, a substance was also found that can be used as a detector of the gas. It is white normally, but on being exposed to the gas it turns successively to bluish green, violet brown, then to black, depending on the concentration of the gas. It is believed the new mask will find a wide range of usefulness in commercial fields, as the exhaust of automobiles is rich in carbon monoxide, frequently causing asphyxiation.

CHRISTIAN SCIENCE SOCIETY
 Service at 10 o'clock A. M.
 Each Sunday Legion Hall
 Everyone cordially invited
SUNDAY SCHOOL 10:00 O'CLOCK
 All children welcome.

Take your prescriptions to the Central Drug Store.

ELECTION NOTES

Warren G. Harding received 404 electoral votes in 1920 and Calvin Coolidge received 395 in 1924.

Herbert Hoover's birthplace, West Branch, Iowa, returned a majority of fourteen to one in favor of its native son over Governor Alfred E. Smith. The vote was the largest ever cast in this Quaker settlement.

Governor Smith's former neighbors in the old Oliver street district, where he lived as a boy, did not forget him. When the votes in that election district were counted they totaled: Smith, 610; Hoover, 66.

Women voters apparently were responsible for the large increase in the volume of votes in all parts of the country. Throughout the nation reports indicated that in many sections they were responsible for increases ranging from 10 to 50 per cent in comparison with past elections.

The record number of electoral votes up to this election was polled by Woodrow Wilson in 1912 when he won 435 electors, 55 for Theodore Roosevelt and 8 for W. H. Taft. This was due to the split in the Republican party precipitated by Roosevelt when he balked and organized the Bull Moose party.

Gov. Smith's defeat to a great degree was due to the failure of the cities to come up to their promises for him. New York, Chicago, Boston, Baltimore and St. Louis all gave him majorities, but not sufficient to wipe out the margin of votes piled up for Mr. Hoover in the contiguous country districts.

Life would be dull if we knew what it was all about.

Be yourself—if other people will stand for it.

STATE TO HALT XMAS TREE STEAL

Lansing, Nov. 8.—Michigan's annual Christmas tree harvest is getting under way. Reports from various sections are to the effect that trees are either actually being cut or preparations are under way for an early start. As the merchants of these evergreen products wait their axes in anticipation of another big season, department of conservation officers are girding themselves to defend the state-owned property against the trespasser.

In past years a goodly amount of the state-owned land has been stripped of trees by persons who are either grossly careless or intentionally given over to thievery. There are large numbers of honest operators in the field who either cut the trees from their own land or from property to which they hold purchased privileges. But then, too, there is the trespasser who goes into the field with nothing but his axe and wagon, ready to slash down the first crop of trees that comes to hand. And again there is the merchant who owns a tract of land but who believes that he can cut trees for miles around his property. It is against the last named classifications of merchants that the conservation department will wage its war.

It is illegal to take products off state-owned lands and off other property that is known as state tax land. In the first instance the property belongs to the State of Michigan and in the second, the auditor general's department has the title. Then there is the land on which taxes are delinquent. This property is watched over by the county before the time limit expires and prior to its being turned over to the state. In all cases, the products of the land are protected by law and to take them lays the guilty party open to prosecution.

Up to the time the land is bid in to the state, the county treasurer is responsible for action on trespass within his county. Before the land is turned over to the conservation department, the auditor general's department holds the weapons for defense against illegal invasion. Once within the realm of conservation authority the department will see to it that no one trespasses or, if they do, prosecution awaits them.

The department's field men are much better equipped to take care of their jobs this year. During the summer months maps of all state-owned lands were drawn up and distributed to officers throughout the state. They will know exactly where to concentrate their efforts with the result that the trespassing will be kept down to the minimum.

Citizens of the state who have the interest of Michigan's conservation program at heart have been invited to report any cases of trespass on state land that may come to their attention. Cooperation of this sort will result in a big saving to both individuals and state. Reports may be made to either the district conservation officer or directly to the conservation offices at Lansing.

Bring your magazine orders to this office. Why bother to send in each separately? Let us do it for you. Order your renewals early so that you won't miss any numbers.

Avalanche.

Try a load of those light and hardwood slabs from the Grayling Manufacturing Co. They are fine. Phone 37.

At The Gift Shop

WE NEED CASH

Do You Need a Coat, Hat or Dress?

OR ANY ARTICLE IN OUR STORE?

IF SO, CALL AND SEE US.

From Thursday, Nov. 8, Until Saturday Night, Nov. 17.

We Shall Give a Big Reduction on Every Article in Our Stock.

SOME OF THE REDUCTIONS WE SHALL MAKE:

- 20 per cent off on all Ladies' and Misses Coats, Tweeds, Broadcloths, and Suedes, Fur Collars and Cuffs.
- 20 per cent off on Dresses, Wools, Crepe back Satins, Jerseys and Silk Crepes.
- 25 per cent off on our entire stock of Hats.
- 20 per cent off on Hosiery—our well known brands Evenknit and Cadet, both Silk and Wool.
- 20 per cent off on Baby Coats, Buntings, Wool Shirts and Bands, Baby's Flannel Garments of all kinds.
- 20 per cent off in our Corset Department—on Wrap-a-rounds, Corselettes, Bandeaux, Garter Belts, etc.
- 25 per cent off on Costume Jewelry.
- 25 per cent off on Boxed Stationery.
- 25 per cent off on our entire Gift Stock.

See our Better Bargain Tables—new bargains added each day.

AT THE GIFT SHOP

REDSON & COOLEY

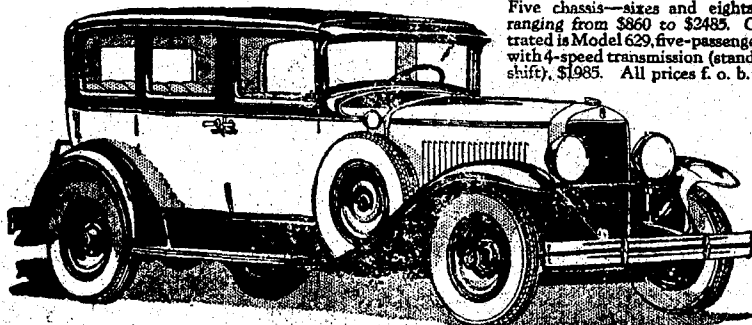
Owners Appreciate Two High Speeds

Owners appreciate driving a Graham-Paige with two high speeds. Fourth, used most of the time, gives a new smoothness and swiftness—third (a quiet, internal gear), provides rapid acceleration in traffic, and up steep hills. The gear shift is standard. You start in second—first, in reserve, is seldom used. A car is at your disposal.

Joseph P. Graham
Robert B. Graham
Ray A. Graham



Five chassis—sixes and eights—prices ranging from \$260 to \$2485. Car illustrated is Model 629, five-passenger Sedan, with 4-speed transmission (standard gear shift), \$1985. All prices f. o. b. Detroit.



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Konjola Relieved Her Of Terrible Stomach Suffering



MRS. LENA J. MARTIN
 "Konjola has given me better health than I have known for more than ten years and that is why I am anxious to have others know of this remarkable medicine," said Mrs. Lena J. Martin, Route 3, Ceresco, Mich. (near Battle Creek.)

"Stomach trouble was the cause of all my misery and in spite of everything I did for relief, my condition only grew worse. Terrible pains in the pit of my stomach were getting to be more than I could stand. Sometimes my heart would palpitate so fast from the pressure of gas that I thought it would stop at any time. My whole system became weak and run down and I was getting more discouraged all the time.
 "All these symptoms began to leave after I had been taking Konjola for a few days and from day to day I could notice an improvement all over my system. Now I enjoy good health and new life energy and never suffer the slightest misery from stomach pains."
 Konjola is sold in Grayling, Mich., at the Mac & Gidley drug store and by all the best druggists in every town throughout this section.

Want Ads

WANTED—Christmas trees, delivered at Grayling. Will pay good prices for No. 1 trees. Phone 63-B or call on M. Singer at Geo. Miller residence, Grayling. 11-1-3

LOST—TUESDAY EVENING, NOV. 6th, between Sorenson's cigar store and High School, a gold watch, octagon case, light chain and a silver dollar watch fob. Finder please return to Avalanche office and receive a liberal reward. Russell Robertson.

FOR SALE—Rabbit Hound pups—Dave Knecht, phone 65-5 short.

WANTED TO TRADE—First mortgage gold bonds for property in Grayling or land nearby. Address Box 132, Berrien Springs, Mich.

FOR SALE—Winchester rifle; ice box; 2 iron beds; parlor lamp; glass wash board; center table; oil heater. Clark Yost. Phone 113-R.

HOUSE FOR RENT—Next door to Michelson Memorial church. Adler Jorgenson.

FOR SALE OR TRADE FOR LIVE STOCK, one 32-foot steel windmill tower, in good condition. Charles Corwin, Grayling, Mich.

FOR SALE—Several houses and lots, two vacant lots and a place well fitted for a business place, located on U. S. 27. Also blacksmith shop on U. S. 27. Inquire of O. P. Schumann, administrator Palmer Estate. tf.

WANTED TO BUY—Medium size, modern home. If yours is for sale, please be prompt to let me know. O. P. Schumann, Avalanche Bldg. Phone 111.

FOR SALE—One story, 7 room house, on South Side. Good bargain and easy terms. Inquire of O. P. Schumann, realtor, Avalanche Bldg.

BARGAIN OFFER FOR 200 ACRES—Close to Grayling. Look this over if interested. O. P. Schumann, realtor, Avalanche Bldg. Phone 111.

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SUPERVISORS PROCEEDINGS

OCTOBER SESSION 1928

At a meeting of the Board of Supervisors of Crawford County, commenced and held at the Court House in the Village of Grayling on Monday the eighth day of October, A. D. One thousand Nine hundred and Twenty-eight.

Board called to order by the Chair. Roll called. Present: Frank E. Love, Floyd A. Goshorn, Anthony J. Nelson, James E. Kellogg, Rufus Edmonds, and Oliver B. Scott.

Absent: None. Communications were read and discussed at this time.

Moved by Love, supported by Goshorn the Board adjourn until Nine o'clock tomorrow morning. The motion prevailed.

Charles Gierke, Oliver B. Scott, Clerk. Chairman.

Tuesday, October 9th, 1928. Board met pursuant to adjournment.

Board called to order, all members present.

Moved by Nelson supported by Kellogg the rules be suspended and the Clerk be directed to cast the unanimous ballot of this Board for the following named persons as County Board of Canvassers for the term of two years beginning January 1st, 1929: Harlan Sorenson, Abe Joseph and C. S. Barber. The motion carried.

Total number of votes cast six each of the above named persons receiving six who were duly declared elected County Canvassers for the ensuing two years.

Moved by Nelson supported by Love the Annual Report of the County Treasurer be placed in the hands of the Committee on Finance and Settlement, for audit and report. The motion prevailed.

The Committee on Finance and Settlement ask for an extension of time.

Moved by Love supported by Kellogg the Board adjourn until Nine o'clock tomorrow morning. The motion prevailed.

Charles Gierke, Oliver B. Scott, Clerk. Chairman.

Wednesday, October 10, 1928. Board met pursuant to adjournment, all members present.

Moved by Kellogg supported by Goshorn that Crawford County do appropriate the sum of two hundred dollars as Membership fee to the North Eastern Michigan Development Bureau. The Clerk and Treasurer be and are herewith authorized to issue warrant in payment of said appropriation on or before May 1st, 1929.

Yea and Nay vote called. Yea: Kellogg, Goshorn, Love, Nelson, Scott.

Nays: Edmonds. The motion carried.

Moved by Kellogg supported by Edmonds that Frank Love and A. J. Nelson be appointed delegates to attend the Annual Meeting of the North Eastern Michigan Development Bureau at Bay City on Thursday the Twenty-fifth day of October, A. D. 1928. The Clerk be and is herewith authorized to draw warrant in payment of said delegates expenses upon submission of itemized statement thereof.

Yea and Nay vote called. Yea: Kellogg, Edmonds, Goshorn, Scott.

Nays: Love, Nelson. The motion prevailed.

Moved by Love supported by Edmonds that the matter of the appointment of a Poor Commissioner and Road Commissioner be made a special order for Friday at 1:30 o'clock in the afternoon. The motion carried.

Moved by Love supported by Goshorn the Board adjourn until Thursday at Nine o'clock in the forenoon. The motion prevailed.

Charles Gierke, Oliver B. Scott, Clerk. Chairman.

Thursday, October 11, 1928. Board met pursuant to adjournment. All members present.

At this time M. Marius Hanson came before the Board in regards an appropriation to Grayling Mercy Hospital.

Moved by Kellogg supported by Love that the matter of the appropriation to Grayling Mercy Hospital be placed before the Board as a whole.

Yea and Nay vote called. Yea: Kellogg, Love, Nelson, Edmonds, Scott.

Nays: Goshorn. The motion carried.

Moved by Nelson supported by Kellogg that the sum of One thousand dollars (\$1,000.00) be and is herewith appropriated to Grayling Mercy Hospital for the maintenance and upkeep of said institution for the calendar year 1929. The Clerk and Treasurer be and are herewith authorized to draw warrant in payment of

aid appropriation on or before February 1st, 1929. Yea and Nay vote called. Yea: Nelson, Kellogg, Love, Scott, Nays: Goshorn, Edmonds. The motion carried.

Report of Committee on Finance and Settlement.

Your committee on Finance and Settlement to whom was referred the Annual Report of the County Treasurer beg leave to report that they have examined the records in the Treasurer's Office and find all accounts to balance with accounts in Clerk's Office. We therefore report back to you said Annual Report, that the same be accepted and adopted and made a part of the Record thereof.

County Treasurer's Annual Report October 9th, 1928

Name of Fund	Balance Sept. 30, 1927	Credits Transfers	Receipts	Debits Transfers	Expenditures	Balance Sept. 30, 1928
General Fund	\$ 4,557.02	\$22,787.01	\$ 2,112.55	9.50	\$23,166.73	\$ 6,261.35
Poor Fund	3,225.93	6,000.50	2,372.66	22.00	6,624.11	4,762.98
Library Fund	50.84	22.00	939.70		769.86	2.68
County Road Fund	549.32	2,400.00	17,278.77		16,106.36	\$,721.71
Mortgage Tax Fund	1.50		259.00	129.50	129.50	1.50
State Tax Fund	2,567.03	1,887.15			3,344.43	1,089.75
Delinquent Tax Fund	5,566.80		26,810.31	21,232.49		11,164.72
Teacher's Institute	71.71		7.31		71.71	7.31
Township Fund	27.91	12,656.33	20.12	205.54	12,499.32	253.60
Special License	242.50	3,428.10	3,270.60		3,017.00	250.00
Naturalization			3.00		2.50	.50
Total	\$16,881.68	\$45,322.49	\$52,591.52	\$21,599.03	\$65,930.54	\$27,266.10

Wm. Ferguson, Co. Treasurer.

Moved by Kellogg supported by Edmonds that the report of Committee on Finance and Settlement be accepted. All members voting Yea the motion carried.

Moved by Goshorn supported by Nelson that the several amounts necessary to make up the County budget be put in the hands of the Ways and Means committee for consideration and report. The motion prevailed.

Report of Committee on Ways and Means.

To the Honorable Board of Supervisors of Crawford County:

Gentlemen:

Your committee on Ways and Means to whom was referred the matter of the County Budget have had the same under consideration and would respectfully report the following amounts, are in their judgment, the minimum necessary to be levied upon the taxable property in the County of Crawford for the year 1928 for the several purposes herein specified.

Contingent Fund \$18,000.00

County Road Fund 9,000.00

Poor Fund 4,000.00

Total \$31,000.00

J. E. Kellogg, F. E. Love, Rufus Edmonds, Ways and Means Committee.

Moved by Goshorn supported by Edmonds the report of the Committee on Ways and Means be accepted and adopted and the sum of \$31,000.00 be raised by taxation as recommended in said report. Further that said amount be apportioned to the several townships of the County according to the equalized valuation of this year. The Supervisors be and are hereby authorized and directed to spread the amounts as apportioned to their respective Township for the year 1928.

Yea and Nay vote called. Yea: Goshorn, Edmonds, Love, Kellogg, Scott.

Nays: Nelson. The motion carried.

The Board adjourned until Friday, October 12th, at Nine o'clock in the forenoon.

Charles Gierke, Oliver B. Scott, Clerk. Chairman.

Friday, October 12th, 1928. Meeting of the Board of Supervisors of Crawford County continued and held at the Court House in the Village of Grayling on Friday the 12th day of October, A. D. 1928.

Roll called. Present: Love, Goshorn, Nelson, Edmonds, Kellogg. Absent: O. B. Scott.

In the absence of O. B. Scott, Rufus Edmonds acted as chairman Pro-tem.

Moved by Goshorn supported by Kellogg that the Annual Report of the Superintendents of the Poor be accepted and adopted and made a part of the record thereof. The motion prevailed.

Annual Report of Superintendents of Poor

Report to Supervisors of Crawford County for year beginning October 1st, 1927 and ending September 30th, 1928.

1927

Oct. Refund on State Tax Purchase \$ 1.10

Sale of spring for Geo. Patton 7.00

Cash from Mrs. Bauer 10.00

Probate Court for neglected children 25.00

Sale of stove for John Gross 25.00

Total \$ 65.60

Nov. Refund from Kalkaska Co. for Mrs. Entsminger \$ 60.00

Steel drum returned to Acme Chemical Co. 14.77

Sale of stove for Geo. Patton 1.00

Total \$ 75.77

Dec. Refund from Kalkaska Co. for Mrs. Entsminger \$ 55.00

Probate Court for neglected children 22.50

Alcona Co. for David Shorts 67.76

Total \$ 145.26

1928

Jan. Probate Court for neglected children \$ 22.50

Probate Court for neglected children 22.50

Total \$ 45.00

Feb. Mackinac Co. for Robert Alexander \$ 11.02

Cash from Mr. and Mrs. Newell James \$ 150.00

Probate Court for neglected children 22.50

Cash for sale of Mary Knight house 155.39

Wayne Co. for Thelma Sullivan 7.62

Probate Court for neglected children 22.50

Total \$ 368.51

Apr. Presque Isle Co. for Robert Lindsay \$ 75.00

Cash from Geo. Russell 450.00

Probate Court for neglected children 22.50

Total \$ 547.50

May Probate Court for neglected children \$ 150.00

June Bay Co. for Wm. Scott \$ 19.98

Wayne Co. for Thelma Sullivan 14.02

Probate Court for neglected children 45.00

Sale of land for Geo. Patton 25.00

Presque Isle Co. for Robert Lindsay 182.14

Grand Traverse Co. for Thomas York 16.21

Alcona Co. for David Shorts 492.21

Chapman Co. for Wm. Ward \$ 80.00

Charlevoix Co. for John Hartman \$ 5.00

Total \$ 759.88

July Bay Co. for Wm. Scott \$ 126.01

Charlevoix Co. for Wm. Ward \$ 10.00

Total \$ 136.00

Aug. Alcona Co. for David Shorts \$ 114.06

Probate Court for neglected children 22.50

Total \$ 136.56

Sept. Probate Court for neglected children \$ 75

Sale of property for Geo. Patton \$ 22.50

Total \$ 97.50

ANNUAL REPORT OF SUPERINTENDENTS OF THE POOR

EXPENDITURES

Mrs. Frank Alexander, allowance for year \$120.00

Joseph Wyckoff, groceries for year 59.95

Thomas York, groceries 16.21

Frank Holka, groceries 4.50

Mrs. Wm. Brado, coal and medicine 10.00

Mr. and Mrs. David Shorts, Frederic—groceries, clothing, medical, hospital for year 502.80

Mrs. Phoebe Owens, coal 9.00

Wm. Arnett, Frederic—groceries, clothing for year 122.93

C. A. Smith, coal and groceries for year 118.10

Thelma Sullivan and child, railroad fare, groceries, coal 25.55

Frank Graft, Frederic—board of children, clothing, funeral, medical and hospital 374.15

Mr. and Mrs. Robert Alexander, Frederic, groceries 24.99

Alexander Dugas, hospital services, medicine, pneumonia jacket 21.75

Mrs. Olive Sturtevant, Frederic, groceries, clothing, fuel for year 634.22

Bert Hiar, railroad fare, clothing, medicine, University Hospital care 88.22

Hugh Brady, South Branch Twp., groceries 30.08

Mr. and Mrs. Henry Wallace, groceries, board, medicine and Dr. account 68.58

Mr. and Mrs. Newell James, groceries, fuel, funeral expense 105.34

John Gross, groceries and fuel 37.21

Mrs. George Entsminger, rent, groceries and stove 115.00

Mr. and Mrs. Robert Lindsay, Deward, board for children, groceries medicine, clothing 182.14

Mrs. John Stanton, confinement 30.00

Joseph Lipinski, allowed in cash for food, March and April 10.00

Wm. Ward, Frederic, groceries for March, April and May 36.20

Mr. and Mrs. Wells, Frederic, groceries 9.00

Archie Stafford, Frederic, groceries 7.00

Henry Harder, Lansing, clothing, casket and services 77.00

Edd Edwards, Frederic, coal, clothing and groceries 16.50

Ernest Rusher, Frederic, groceries, medicine and Dr. account 60.73

Gordon Gifford, Frederic, groceries 5.00

Mr. and Mrs. Glen Wilcox, Dr. account for child 2.00

Mr. and Mrs. Wm. Scott, Frederic, groceries, confinement, hospital and Dr. account 145.98

James Stevens, Frederic, groceries 20.00

John Hartman, Frederic, groceries 14.58

Archie Miller, Frederic, groceries 16.34

Wm. Richardson, Frederic, groceries 7.93

Silas Yarnatt, Frederic, groceries 2.96

Edgar Therman, Frederic, groceries 2.36

Oliver Rose, Frederic, groceries 7.00

Roy Stanton, Frederic, groceries 4.70

John Williams, Frederic, groceries 3.00

Reuben Halladay, Frederic, groceries 15.00

Fred Loper, Frederic, groceries 12.50

Webb Renner, Frederic, groceries 5.00

Mrs. Julius Witkowski, groceries, milk, doctor and medicine acct. 11.97

Otis D. Clark, South Branch Twp., examination, medicine, drug acct. 4.00

Mr. and Mrs. Horton, Frederic, groceries 45.00

Ben Meser, Caylor, groceries 7.00

Mr. and Mrs. Johnson and child, board at infirmary (21 meals) 4.50

INFIRMARY EXPENSE

Funeral \$ 166.00

Medical 153.80

Clothing and bedding 169.70

Fuel and lights 169.70

Food and provisions 2,508.20

Stationery and telephone 16.20

Transportation 16.00

Allowed for extras 30.00

Furniture and household supplies 101.05

Repair and upkeep 340.63

Total \$3,911.92

TEMPORARY RELIEF

Medical \$ 497.10

Funeral 337.78

Food 2,028.93

Clothing 143.70

Shelter 45.00

Fuel 116.62

Transportation 34.36

Household goods 25.00

Bedding 11.80

Postage and telephone 51.13

Permanent relief, paid in cash 120.00

Total \$3,400.51

Grand total \$7,312.43

Cash on hand Oct. 1st, 1927 \$3,236.43

Appropriation by Supervisors 6,000.00

Total \$9,236.43

Disbursements for year \$7,312.43

Cash on hand Oct. 1st, 1928 4,408.05

REFUNDS

1927

Oct. Refund on State Tax Purchase \$ 1.10

Sale of spring for Geo. Patton 7.00

Cash from Mrs. Bauer 10.00

Probate Court for neglected children 25.00

Sale of stove for John Gross 25.00

Total \$ 65.60

Nov. Refund from Kalkaska Co. for Mrs. Entsminger \$ 60.00

Steel drum returned to Acme Chemical Co. 14.77

Sale of stove for Geo. Patton 1.00

Total \$ 75.77

Dec. Refund from Kalkaska Co. for Mrs. Entsminger \$ 55.00

Probate Court for neglected children 22.50

Alcona Co. for David Shorts 67.76

Total \$ 145.26

(Continued from page 3)

3 Albert Lewis, County Treasurer	4.90	4.90
4 F. P. Richardson, County Treasurer	5.50	5.50
5 Geo. N. Olson, County Treasurer	4.10	4.10
6 Morie F. Nellist, traveling expense	4.00	4.00
7 Johannes Rasmussen, Deputy fees	13.85	13.85
8 Mrs. John W. Payne, clerical	6.00	6.00
9 John W. Payne, traveling expense and postage	14.70	14.70
10 Thomas Cassidy, services rend.	12.00	12.00
11 Grayling Machine Shop, labor	7.55	7.55
12 Hanson Hardware Co., hardware	56.00	56.00
13 F. R. Decker, thermostat and installation	60.00	60.00
14 Village of Grayling, water rental	78.00	78.00
15 Village of Grayling, case of Johnny Page	25.71	25.71
16 Village of Grayling, case of Bert Hire	75.00	75.00
17 Village of Grayling, case of Thelma Sullivan	9.25	9.25
18 Village of Grayling, case of Thelma Sullivan, drug acct.	60	60
20 Hurley Bros., supplies	15.00	15.00
21 Underwood Typewriter Co., repairs	2.15	2.15
22 Michigan State Industries, license, supplies	4.82	4.82
23 Michigan Public Service, light service	15.05	15.05
24 Grayling City Telephone Co., telephone services	2.40	2.40
25 Dept. of Conservation, game warden fees	1.44	1.44
26 Ihling Bros. Everard Co., supplies	12.20	12.20
27 J. E. Bohemeyer, supplies	6.00	6.00
28 Sorenson Bros., one map, framed	3.88	3.88
29 Grayling Hardware Co., hardware	170.86	170.86
30 Doubleday Bros. & Co., supplies	3.00	3.00
31 E. L. Sparkes, typing census cards	12.50	12.50
32 Crawford Avalanche, printing	142.30	142.30
33 L. A. Potter, stamp, supplies	4.41	4.41
34 Kerry & Hanson Flooring Co., wood and draying	10.00	10.00
35 Doubleday-Hunt, Dolan Co., election and office supplies	114.43	114.43
36 Mrs. Bert Chapple, board of r.m.s. Curley and son	26.00	26.00
38 Waldemar Jensen, balance due on paint contract	150.00	150.00

Moved by Edmonds supported by Goshorn that the report of the committee on Claims and Accounts be accepted and adopted and made a part of the record thereof.

All members voting Yea the motion carried.

Moved by Nelson supported by Edmonds that the County Clerk is here-with instructed to notify the Department of Agriculture at Lansing, Michigan that Crawford County makes application for a refund of all taxes of the County so as to continue in the Accredited Area. Further the clerk of this Board is herewith instructed to make arrangements with the State Veterinarian for said refund and to notify each Supervisor when said State Veterinarian will meet each Supervisor respectively and further the Clerk and Treasurer be and are herewith authorized to draw warrants for the expenses incidental for said refund.

All members voting Yea the motion carried.

Moved by Love supported by Kellogg that the Board adjourn until tomorrow morning at nine o'clock. The motion prevailed.

Charles Gierke, Clerk. Oliver B. Scott, Chairman.

SESSION WEDNESDAY, OCTOBER 17TH, 1928

Board met pursuant to adjournment. All members present.

ANNUAL REPORT OF COUNTY ROAD COMMISSIONERS

Grayling, Michigan, Oct. 12th, 1928

To the Honorable Board of Supervisors of the County of Crawford, Gentlemen:

In compliance with the statute relating thereto, we herewith submit for your consideration, our annual report containing a statement in detail of all moneys received and expended by us from October 1st, 1927 to September 30th, 1928.

At the time of our last annual report we were working on the construction of County Road Number one in Lovells Township and as you all know this project was completed last fall. So far this year four miles of County Road Number three in Grayling Township has been graded and graveled and if weather conditions permit, this road will be turned over from the west end of gravel to the west end of the road. In all nine miles of County Road has been constructed in the past two years.

Since our last annual report we have taken over six miles of road in South Branch Township, which is known as County Road Number Four. This road is a Section Line Road beginning on the South end of M-76 between Sections 33 and 34 Town 25-2 West and extending North six miles. We have also taken over approximately sixteen miles of road in Grayling and South Branch Townships. The last mentioned road is numbered County Number five and begins at the Southwest corner of Section eight in Town 26-North, Range three West and extends East to the East County line. No survey has been made for this road as yet so the exact location cannot be described.

In computing maintenance for the several County Roads, the cost of gas, oil and other incidental expenses is charged to the material account. The reason for this is that it is almost an impossibility to keep an account of gas and oil used on each and every road outside of the construction project.

A detail statement of all work carried on by the Board is not in this report, but we wish to state that the books are open for your inspection, any and all questions will be gladly answered concerning the work and we would also recommend that the following amounts be raised and made a part of your budget for the maintenance of the several County Roads for the year 1929.

County Road No. 1	\$2,500.00
County Road No. 2	100.00
County Road No. 3	250.00
County Road No. 4	700.00
County Road No. 5	100.00
Total	\$3,650.00

Further that \$4,800.00 for a truck, snow plow and maintenance blade, and \$1,200.00 for snow fence and posts be raised, making in all a total of \$9,650.00. It is the opinion of the people that we at least endeavor to keep the roads open within a reasonable expenditure so we ask for this appropriation for equipment.

CRAWFORD COUNTY ROAD COMMISSION RECEIPTS

Month	Total	Weight Tax	Gas Tax	Rent Equip.	Gas and Oil Refund	Sale of Misc. Art.	Refund on Road Construction	Appropriation
October 1927	\$2,283.75	\$1,583.63		\$129.67	\$505.45	\$ 65.00		
November 1927	214.00			75.25	138.75			
December 1927	322.32			78.78	243.54			
January 1928	6,175.87	1,730.62	\$4,189.51	24.13	21.10	40.00	\$170.51	
February 1928	19.69			8.51	11.18			
March 1928	2,108.91			7.91				
April 1928	174.39			154.39				
May 1928	1,195.37	996.71		183.36	15.30			
June 1928	1,032.24	996.71		35.54				
July 1928	588.86			573.56	15.30			
August 1928	5,037.97		5,000.00	26.97	11.00			
September 1928	95.40			54.00	41.40			
Total	\$19,248.77	\$5,307.66	\$9,189.51	\$1,352.07	\$992.02	\$137.00	\$270.51	\$2,000.00

CRAWFORD COUNTY ROAD COMMISSION RECORD OF EXPENDITURES

Month	Total	Construction	Maintenance	Equipment	Material	General Expense
October 1927	\$2,896.55	\$2,022.69	\$318.60	\$179.41	\$238.75	\$137.10
November 1927	3,091.98	2,065.64	64.10	225.26	553.07	189.91
December 1927	344.01		11.05	138.75	10.15	186.06
January 1928	217.38			195.37	1.00	21.01
February 1928	187.87			150.17		16.00
March 1928	406.54			61.30	1.50	296.24
April 1928	271.60			27.20		19.50
May 1928	232.83	30.20		60.33		39.30
June 1928	1,487.04	726.45	101.05	215.96	140.22	303.36
July 1928	1,533.48	919.95	68.85	393.47	86.70	64.51
August 1928	2,603.85	1,471.05	92.60	409.14	547.48	83.58
September 1928	2,943.11	1,429.50	305.55	478.13	619.68	50.25
Total exp.	\$16,217.24	\$8,685.48	\$1,229.40	\$2,738.39	\$2,198.55	\$1,385.42

MAINTENANCE CONSTRUCTION

County Road No. 1	\$508.90	\$5,181.78
County Road No. 2	70.85	
County Road No. 3	182.30	4,588.40
County Road No. 4	235.65	
County Road No. 5	32.30	
Trunk Line 76-4	194.45	
Village Streets (refunded)	4.95	

Respectfully submitted,

CRAWFORD COUNTY ROAD COMMISSION

Ernest P. Richardson, Chairman.

Charles Gierke, Clerk.

Moved by Edmonds supported by Kellogg that the Annual Report of the Crawford County Road Commissioners be accepted and adopted and made a part of the record thereof. All members voting Yea the motion carried.

Moved by Edmonds supported by Kellogg that the home of Mrs. Mary Flagg be designated as County Detention Home and that said Mrs. Mary Flagg have supervision over said home. Further for her services and expenses of board, washing and lodging of inmates shall be fixed at

one dollar per day for each inmate, while said inmate is confined therein.

Yea and Nay vote called. All members voting yea the motion carried.

Moved by Kellogg supported by Edmonds that the several bills of the Supervisors for attendance and mileage of this session be accepted and allowed and the Clerk and Treasurer be and are herewith authorized to draw warrants in payment of same.

BILLS OF SUPERVISORS

Frank E. Love	\$46.80
Floyd Goshorn	46.80
Anthony J. Nelson	45.20
Ed. Kellogg	45.40
Rufus Edmonds	47.80
Oliver B. Scott	49.80

Moved by Goshorn supported by Kellogg the Board adjourn until the second day of January, 1929 at one o'clock in the afternoon. The motion prevailed.

Charles Gierke, Clerk.

Oliver B. Scott, Chairman.

RADIATORS GET SEVERE TEST

In the Highland Park plant of the Ford Motor Company at Detroit, there is a machine which tries with all the efficient fierceness of an engine of destruction, to shake the life out of a Ford automobile radiator in the shortest possible time.

Ten hours is the time allotted to this machine, known as an "agitator," to do all within its power to ruin a water-filled Ford radiator. At the end of that period the much abused radiator is taken off the machine and examined by experts for any signs of damage and a brand new Ford radiator, also filled with water, is put on for another ten hours of torment. This agitator device is part of the testing equipment for radiators that are being built for the new Model "A" Ford car. When you watch it jiggling and jolting and shaking the gurgling radiator, you have a feeling that no automobile driver could drive a car over roads and at a speed which would give it such a severe shaking up and still hold on to his wheel and his seat. Then the factory foreman tells you that within the period of ten hours this agitator gives the new radiator more and severer jars and jolts than the average Ford car will get in its whole lifetime of service.

And he tells you also that the great majority of radiators tested on this agitator come through the ordeal without a sign of injury. Those that spring even the smallest leaks are rare indeed.

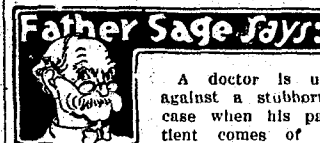
Then the foreman takes you through the radiator factory and shows you why this is so. He shows you why this is so. He shows you that every part of the radiator which is touched by water is made of either copper or brass, which will not rust and which will resist corrosion to a degree. He shows you also that the construction of the entire radiator is rugged and strong—parts welded and soldered together in such a manner that engine vibration and road jars cannot shake them apart.

To make sure that the finished radiator is free from leaks or potential leaks, as soon as it comes off the assembly line it is given a severe compressed air test. Filled with air under high pressure and sealed, the radiator is submerged in a tank of water. If there is the slightest sign of bubbles, due to escaping air, the radiator is thrown out as faulty.

The foreman points out to you also the features of this new Ford radiator which make it an unusually efficient unit of the cooling system. The upper and lower tanks are large. The penings through which the water flows from the tanks into the radiator tubes are bell-shaped, thus providing faster flow and faster circulation of the water. The tubes of copper and the fins of brass permit very rapid radiation of the heat and therefore quicker cooling.

Throughout the radiator of the new Ford car has been built in keeping with the greater power, speed and durability to the Model "A" Ford.

Men are always complaining that they don't understand women, but the women seem to have no trouble in understanding the men.



A doctor is up against a stubborn case when his patient comes of a long-lived family.

Baby Thrives on Diet of Bananas



Here is Baby Vivian Kellman, two-year-old New Yorker, who thrives on a diet of bananas—with a record of having eaten five thousand bananas in her two years of existence. The youngster weighs 35 pounds. Early in life she showed a dislike for milk. A physician suggested the child be fed bananas and since then she has lived on almost nothing else.

Take no chances on food
Make sure of the package

SHREDDED
WHEAT



12 ounces full-size biscuits

As Made in Shredded Wheat Factories for 34 Years

It is so easy to serve for any meal, and so tasty and nourishing—on the table in a jiffy—no kitchen work.

Over 500 Miles of Concrete Highways in a Single County!

Wayne county, Michigan, (Detroit) has over 500 miles of concrete highways, with pavements from eighteen to eighty feet wide.

Nineteen years ago, this county built its first stretch of concrete road. Year after year, the Board of County Road Commissioners has continued building concrete highways, to complete a road system planned in 1906.

Many of the older pavements have been widened. Some have been torn up to make way for wider pavements at a different grade—but no concrete pavement has worn out!

No wonder Wayne County keeps on building concrete roads!

PORTLAND CEMENT ASSOCIATION

Dime Bank Building
DETROIT, MICH.

A National Organization to
Improve and Extend the Uses of Concrete

Offices in 32 Cities

STATE OF MICHIGAN

The Probate Court for the County of Crawford.

At a session of said Court, held at the Probate Office in the Village of Grayling in said County, on the 6th day of November A. D. 1928.

Present: Hon. George Sorenson, Judge of Probate.

In the matter of the estate of Joseph Sullivan, deceased.

Mary Sexton, a sister of said deceased, having filed in said court her petition praying that the administration and settlement of said estate be granted to Thomas Cassidy or to some other suitable person.

It is ordered that the third day of December A. D. 1928 at 3 o'clock in the afternoon, at said probate office, be and is hereby appointed for hearing said petition.

It is further ordered that public notice thereof be given by publication of a copy of this order, once each week for three successive weeks previous to said day of hearing, in the Crawford Avalanche a newspaper printed and circulated in said county.

GEORGE SORENSON, Judge of Probate.

A true copy.
George Sorenson,
Judge of Probate.

11-8-3

DIPPING INTO SCIENCE

Solar System to Original Form

Some scientists have expressed a belief that possibly millions of years hence, the solar system will take its original shape—that is, all the various heavenly bodies will again merge into one huge gaseous ball. This would result because the planets, being retarded slightly by friction as they pass through the ether, would eventually come to a standstill.

(Q. 1928. Western Newspaper Union)

A smile from a boss who knows good workmanship is worth more than a medal from a committee of impractical experts.

TO THE OWNER OR OWNERS OF ANY AND ALL INTERESTS IN OR LIENS UPON THE LAND HEREIN DESCRIBED, AND PARTICULARLY TO JOHN A. SMITH, AND MARY STAIR.

Take notice that sale has been lawfully made of the following described land for unpaid taxes thereon, and that the undersigned has title thereto under tax deed or deeds issued therefor, and that you are entitled to a reconveyance thereof at any time within six months after return of service of this notice upon payment to the undersigned or to the Register in Chancery of the County in which the land lies, of all sums paid upon such purchase, together with one hundred per centum additional thereto, and the fees of the Sheriff for the service or cost of publication of this notice, to be computed as upon personal service of a declaration as commencement of suit, and the further sum of five dollars for each description of land, other additional cost or charges. If payment as aforesaid is not made, the undersigned will institute Proceedings for possession of the land.

Description of Land:

STATE OF MICHIGAN,
County of Crawford,
The East one-half of Section 11, Township 28 North, Range 1 West, Crawford County, Michigan.

The amount paid is \$45.34 for the taxes of 1922, and \$39.48 for the taxes of 1923.

H. A. Killen, Inc., a Michigan Corporation, by Howard A. Killen, Pres. Business address: 2256 La Salle Gdns. North Detroit, Michigan.

10-25-4

TO THE OWNER OR OWNERS OF ANY AND ALL INTERESTS IN OR LIENS UPON THE LANDS HEREIN DESCRIBED.

Take notice that sale has been lawfully made of the following described land for unpaid taxes thereon, and that the undersigned has title thereto under tax deed or deeds issued therefor, and that you are entitled to a reconveyance thereof at any time within six months after return of service of this notice upon payment to the undersigned or to the Register in Chancery of the County in which the land lies, of all sums paid upon such purchase, together with one hundred per centum additional thereto, and the fees of the Sheriff for the service or cost of publication of this notice, to be computed as upon personal service of a declaration as commencement of suit, and the further sum of five dollars for each description of land, without other additional cost or charges. If payment as aforesaid is not made, the undersigned will institute Proceedings for possession of the land.

Description of Land:

STATE OF MICHIGAN,
County of Crawford,
The northeast quarter of the northwest quarter of Sec. 8, Town 27N, Range 1W. Amount paid \$8.87 tax for year 1924.

The southwest quarter of the northwest quarter of Sec. 8, Town 27N, Range 1W. Amount paid \$6.93 tax for year 1924.

Charles Papenfuss, place of business Lovells, Michigan.

To Gratwick, Smith and Fryer Lumber Company, last grantee in the regular chain title of such lands or of any interest therein as appearing by the records in the office of the Register of Deeds of said County.

Roy A. Peterson, grantee under State Tax Homestead Deed. 10-25-4

STATE OF MICHIGAN

The Circuit Court for the County of Crawford, in Chancery.

Elda Serven, Plaintiff,

vs.

Herbert P. Serven, Defendant.

Suit pending in the Circuit Court for Crawford County, in Chancery, October 2nd, 1928. It is satisfactorily appearing to this Court by affidavit on file that the defendant, Herbert P. Serven, is not a resident of the State of Michigan but resides in the State of Oregon, on motion of Merle F. Nellist, attorney for plaintiff.

It is ordered that the said defendant, Herbert P. Serven, cause his appearance to be entered in this cause within three months from the date of this order, or in case of his appearance that he cause his answer to the plaintiff's bill of complaint to be filed and a copy thereof to be served upon the plaintiff's attorney, within twenty days after service on him of a copy of said bill, and notice of this order, and that in default thereof that said bill be taken as confessed by said non-resident defendant.

And it is further ordered that within twenty days after the date hereof, the said plaintiff cause a notice of this order to be published in the Crawford Avalanche a newspaper printed, published and circulating in said county of Crawford, and that said publication be continued once each week for six successive weeks, or that she cause a copy of this order to be served personally on said non-resident defendant, at least twenty days before the above prescribed time for his appearance.

GUY E. SMITH, Circuit Judge.

MERLE F. NELLIST,
Attorney for plaintiff,
Grayling, Michigan.

Read your home paper. Subscribe for the Avalanche.

Getting Up Nights

If Bladder Weakness, Getting Up Nights, Backache, Burning or Itching Sensation, leg or groin pains make you feel old, tired, peevish, and worn out why not make the Cystex 48 Hour Test? Don't give up. Get Cystex today at Mac & Gidley. Put it to a 48 hour test. Money back if you don't soon feel like new, full of pep, sleep well, with pains alleviated. Try Cystex today. Only 60c.

DEPARTMENT OF CONSERVATION FOR THE STATE OF MICHIGAN

Lansing, Michigan, October 15, 1928.

NOTICE IS HEREBY GIVEN, That the following abandoned tax lands situate in the county of Crawford, this State, decreed to the State by the Auditor General under the provisions of Sec. 127 of Act 206 of the Public Acts of 1893 and acts amendatory thereto, have been withdrawn from homestead entry by the Auditor General and the Director of Conservation acting jointly, under the provisions of Sec. 131 of Act 206, Public Acts of 1893, as amended by Act 155 of the Public Acts of 1927, examined and appraised, and will be placed in market by offering the same for sale at a Public Offering to be held at this office, Room 304, State Office Building, City of Lansing, on Tuesday, the 27th day of November, 1928, at ten o'clock in the forenoon, at which time the land will become subject to purchase in the manner prescribed by law.

In the event of a sale the deed by which the land will be conveyed to a purchaser will contain a clause reserving to the State of Michigan all rights in any mineral, coal, oil or gas found lying or being on, within or under the said lands, and also reserving to the People of the State of Michigan the rights of ingress and egress over and across any of said lands lying along any watercourse or stream as required by Section 456 of the Compiled Laws of 1915.

DEPARTMENT OF CONSERVATION.

By GEORGE R. HOGARTH, Director.

10-18-5 Description
S 1/2 of SW 1/4, Sec. 11, Town 26N, Range 3W, 80.00 Acres.

DIRECTORY

BUSINESS AND PROFESSIONAL

PROBATE COURT

Crawford County, Mich.

Sessions:—First and Third Monday of every month.

Hours:—9:00 to 11:00 a. m., and 1:30 to 5:00 p. m.

Any information and first Proceeding in connection with this Court will be had at my office at Sorenson Bros.

GEORGE SORENSON

Judge of Probate

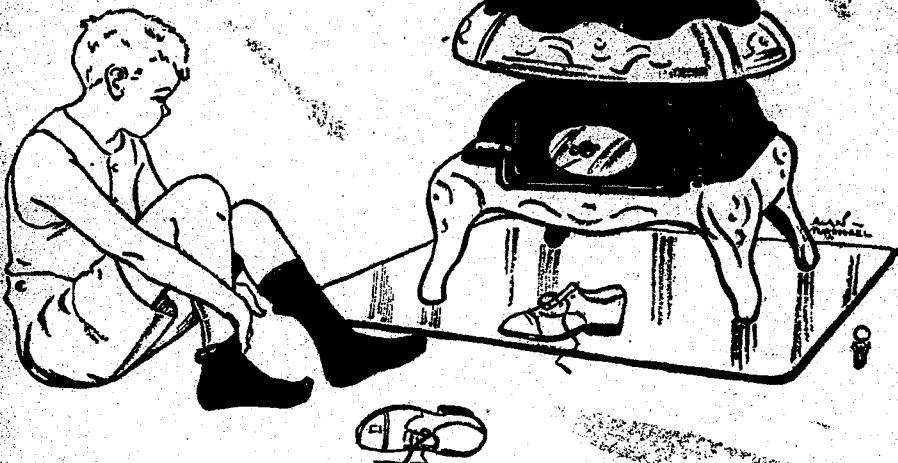
R. L. BARRUS

DENTIST

STOVES

Keep the home warm
and comfortable even
in the coldest weather.

Hanson Hardware Co.



Local Happenings

THURSDAY, NOVEMBER 8, 1928

Olaf Michelson of Detroit is in Grayling for a few days on business.

Dr. and Mrs. J. W. Hutchinson of Saginaw were Grayling callers Sunday.

Mr. and Mrs. O. B. Scott and daughter Mrs. Ferd Shirey and Mrs. C. E. Overmyer spent Monday at the LeRoy Scott home.

A bake sale given by the young people of the Latter Day Saints church, Saturday, Nov. 10th, at 2 p. m., will be held in shop back of Burrows market.

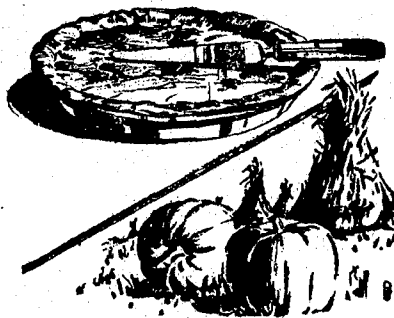
Mrs. Lafrenier and little granddaughter Shirley Sivrais returned to Cheboygan Wednesday after visiting the Simon Sivrais family for a few days.

John Randall, age 75 years, editor of the Mio Telegram died suddenly in Mio Monday. He was a brother of Mrs. John Cripps of Grayling, who with Mr. Cripps left Tuesday to attend the funeral.

Hear Jack Wood's male quartet and bell ringers next Tuesday, Nov. 13th. This is the second number of the Lyceum course to be presented here this season. Come out and hear this fine entertainment. Michelson Memorial church, 7:45 p. m.

Lost—Tuesday evening, Nov. 6th, between Sorenson's cigar store and High School, a gold watch, Octagon case, light chain and a silver dollar fob. Finder please return to the Avalanche office and receive a liberal reward. Russell Robertson.

Mrs. John Ladd, wife of a Detroit manufacturer, is at Grayling Mercy Hospital suffering with severe injuries received Friday night in an auto accident near St. Helen. Dr. Palmer head of the staff at Grace Hospital Detroit and Dr. Hutchinson of Saginaw were called to Grayling Sunday in consultation with Drs. Keyport and Clippert regarding the patient's condition. Dr. Palmer was in the city again today and reported Mrs. Ladd's condition much improved. Mr. and Mrs. Ladd were on their way to their cottage at Mullet Lake when the accident occurred.



Pumpkin Pies

from Fresh Pumpkin

Pumpkin Pies for your Thanksgiving dinner made from fresh pumpkin—fine, but a lot of extra work. Not if you will take a few minutes today or tomorrow to tell us how many pies you need and when you want them. We will see that they are ready. Made just as you would make them, too.

Model Bakery

Phone 16

A. R. CRAIG, Prop.

Mrs. Emma Milnes is spending a few days visiting friends in Suttons Bay.

Don't forget the 50c Harvest supper at the Michelson Memorial church Sunday, Nov. 14.

Miss Evelyn Heidemann has accepted a position in the office of the Sparks Wethington Radio Company of Jackson, Mich.

Miss Irene McKay, supervisor at Mercy Hospital left Saturday night to spend a couple of weeks vacation in St. Charles and other places.

The easiest way to order new or renewal magazine subscriptions is to bring them to this office. We have some attractive club offers.

Everyone likes a male quartet, and Jack Wood's entertainment combine this fine feature with the bell ringers. Hear them Tuesday evening, Nov. 13th at Michelson Memorial church.

Mrs. E. S. Houghton returned home Saturday night from a month's visit in Ann Arbor, Detroit, Coldwater and Jackson. She was accompanied by her brother-in-law, Walter H. Hill, who returned to Ann Arbor Sunday.

Mrs. R. D. Bailey, Mrs. Rupert Porter and Mrs. Don Bailey of Gaylord were Grayling visitors Wednesday afternoon at the H. C. McKinley home. Mrs. Bailey and Mrs. Porter expect to go to Mt. Pleasant next Sunday to visit the De Bailey family.

Don't forget the Hard Times party at the Beaver Creek town hall next Saturday night, Nov. 10th. A fine of 25c per person will be made if you come dressed in good clothes, this includes the ladies also. Prizes will be given for the hardest looking lady and gent. Good music.

Several families have changed residence during the past week, among whom are the Harold McNeven family and the Lon Colleen family who have been at their cottages at the Lake. The McNevens have moved into the Peter McNeven house, while the Colleen family are occupying the Harry Hum house.

Mrs. Carl Nelson and Mrs. Harold Rasmussen entertained a number of friends very pleasantly at bridge Tuesday evening in honor of Mrs. Frank Tetu. The high score was held by Mrs. Leo Jorgenson. Following the games a delicious course lunch was served by the hostesses.

Mrs. Esbern Hanson returned home Saturday afternoon after ten days spent in Detroit.

Born to Mr. and Mrs. Bert Defrain on November 4th a daughter, whom they have named Regina Mae.

Mr. and Mrs. Charles Ostrander and daughters Mrs. LeRoy Scott and Miss Ethel spent Sunday visiting in Maple Forest.

The next meeting of the Woman's Auxiliary of the American Legion will be held at the hall next Tuesday evening, Nov. 13.

Eat your evening meal Wednesday, Nov. 14 at the Michelson Memorial church, when the Ladies Aid society will give their annual fair.

Glenn Maxson of Lansing is visiting at the home of his sister, Mrs. Bert Markby and enjoying the duck hunting in this vicinity. This is his first visit to Grayling in several years.

Mr. and Mrs. Jess Green (Minnie Daugherty) returned Monday from a three weeks honeymoon trip spent in Muskegon, Flint, Detroit and other places. They are at home to their friends in Roscommon.

Come early and visit the Agricultural booth at the fair on Wednesday, November 14th at Michelson Memorial church. Take your choice of the very fine jellies, jams, pickles, cold pack tomatoes, corn, etc., the best fruit cellars afford. Every article to be labeled. There will also be all kinds of vegetables, fresh eggs, etc.

Mr. and Mrs. William G. Feldhauser of Ann Arbor visited relatives and old friends in Grayling a few days last week. While in this vicinity they took in the Top O' Michigan Potato and Apple show at Gaylord. Having operated a farm in Maple Forest for so many years they are still much interested in this section of the country.

The funeral of Victor Sorenson, that was held at the Danish Lutheran church last Thursday afternoon, was attended by a large congregation of neighbors and old friends. Rev. Kjolhede delivered an impressive sermon and the choir nicely rendered the funeral hymns. Interment was in Elmwood cemetery, the four sons of the deceased and two grandsons acting as pallbearers, Conrad, Harry Ferdinand and Herman, Fay and Bernard Sorenson Jr. Besides those mentioned in last week's issue, as being in attendance at the funeral, there was also Mrs. Edith Sorenson and children of Detroit.

Mr. and Mrs. Clark Yost have sold their home together with the Free-land house across the street from their residence to Mr. Gilbert Fernald of Goodison, Mich., and have purchased a garage at Goodison. They are leaving for that place in a few days. Mr. and Mrs. Yost have resided in Grayling for many years and are among our substantial citizens. We are sorry to lose them but wish for them a splendid success in their new home. Mr. Yost is a competent auto mechanic and should command a good patronage wherever he is established. Mr. Fernald and family will take up their residence here some time in the near future.

Our Gang Sewing circle met on Thursday evening, Oct. 26th at the home of Mrs. Ben Pankow. The afternoon was spent in sewing carpet bags. Mrs. Wakeley won the penny prize. The hostess served a delicious lunch to the 28 ladies present, the table being beautifully decorated with flowers. The Club met again last Thursday, Nov. 1st at the home of Mrs. J. W. Randolph. The afternoon was spent playing games with the house nicely decorated in Halloween colors. Halloween games were played, Mrs. Wakeley winning a prize. Mrs. Mosher won the penny prize. At 4:00 o'clock Mrs. Randolph served lunch to the guests who numbered 28, then all departed for home.

Next Sunday, November 11 is Armistice Day.

Don't forget the dance to be given Nov. 20th at the Temple theatre. Miss Jorgenson returned to Detroit Saturday after a week's visit at his home here.

Mr. and Mrs. Russell Beck of Lansing spent Sunday visiting relatives and friends here.

16 inch mixed slab wood for sale. Grayling Mfg. Co. Phone 37.

A breakdown in the motor at the Avalanche office caused a delay of several hours in publication this week. Sorry.

The report of the October session of the County Board of Supervisors appears in this issue of the Avalanche.

A Danish supper will be given by the ladies of the Danish congregation Thursday, Nov. 22, beginning at 5 p. m. at Danebod hall.

The tickets for the Harvest supper to be given at the Michelson Memorial church Wednesday, Nov. 4 are on sale at either drug store, 50c. Don't miss the good eats.

The pupils of Miss Anna Mae Lewis, piano instructor, gave a recital at the school house in Vanderbilt Monday evening. Miss Lewis has a large class in music at that place.

Because of having trouble with our electric motor it was impossible to set table of results of the interclass basketball tournament, which should have appeared in the School notes. However they will appear in next week's issue.

Mr. and Mrs. Richard Wonderling of Lewiston were in Grayling last evening coming to attend "King of Kings" that is showing at the Grayling Opera house.

Many are the words of praise spoken for the "King of Kings" that is showing at the Grayling Opera house four nights this week. If you have not yet seen it don't fail to attend tonight or tomorrow night.

Mr. and Mrs. Alex LaGrow have received word that Leo Jr., little son of their daughter Mrs. Leo Seymour of Lansing has almost entirely recovered from the injuries he received a few weeks ago, when he was struck by an automobile.

During the last two months the radio bureaus of the national committees have shown upon the air political seed that cost more than \$1,250,000. The Democratic national committee announces that it has spent \$600,000 for political radio broadcasting and the Republican national committee, although saying that no figures are available, reports the spending of "as much as the Democrats."

Michelson Memorial Church

John Wilfred Greenwood, Minister

Armistice Sunday November 11, 1928

10:30 a. m. Address by Dr. Julian West on the theme "Nuts to Crack." This address deals with the American immigration problem and is a masterful presentation of the subject. It will throw much light on a debated theme in the past election campaign. 11:45 a. m. Church School. Dr. West will address the Big Brothers class.

6:00 p. m. Epworth League. Theme "Warships or Friendships." 7:30 p. m. Big community Armistice program. Charles Hill will give the oration on "Peace" by which he won the State Public Speaking contest.

Weapons Both swords and guns are strong. No doubt, And so are tongues and pen, And so are sheaves of good bank notes.

To sway the souls of men, But guns and swords and piles of gold, Though mighty in their sphere, Are sometimes feebler than a smile And poorer than a tear. —MacKay.

BUSINESS GENIUS LAID FOUNDATION OF SUCCESS BY KEEPING PERSONAL BUDGET

(By S. W. Straus, President American Society for Thrift.) "Working without a plan is sailing without a compass," says the old proverb and it can well be applied to the administration of one's personal affairs.

One of the first essentials in making plans is to keep a budget. This may seem a trivial matter yet it is the only method by which any person can plan his financial affairs scientifically or develop greater efficiency in personal economics.

A man who is often referred to as a business genius recently said: "Early in life, when a boy, I formed the habit of jotting down a record of every penny I spent. This taught me the value of system and frugality. I soon found myself able to save a little money. As I grew, I developed habits of general thrift from this simple beginning, and with a small amount of capital thus available when I reached the age of maturity, I was able to take advantage of opportunities that led to subsequent success."

Many other men who have achieved great success in the business world could give similar testimony.

Every business concern keeps a strict account of every penny received and spent, and a business which transacted its affairs in any other manner would be most ineffectively managed.

The value of budget keeping is especially applicable to the young for the habit thus formed early in life is quite apt to be carried along as a permanent routine.

If you are endeavoring to get ahead in the world and be prepared for the rainy days that come into all lives, adopt first of all the rule of keeping an accurate daily record of your expenses. You will find that by the adoption of this system your progress in thrift will be made doubly easy and you will soon be surprised at the difference these well-ordered practices make in the amount of your savings.

Feature Bargains FOR Friday and Saturday

Boys' Overcoats

Sizes 11 to 16

\$3.98

Worth \$8.00 to \$12.00

Girls' Coats

About 20 Coats to close out at

\$3.95

Values \$7.50 to \$13.50

Boys' Mackinaws

Heavy all Wool Coats— all sizes

1-4 off

Men's Fancy Plaid

Wool Blazers - - - \$3.98

Boys' Fancy Plaid

Wool Blazers - - - \$2.98

Ladies' Silk and Wool

Hose—Special - - - 50c

A GREAT SHOWING OF

New Winter Coats

for Misses and Ladies—Season's latest styles—fur trimmed

\$15.00 and up to \$59.50

Grayling Mercantile Co.

The Quality Store

Grayling, Michigan

Phone 1251

DEER APLENTY IN MICHIGAN

Lansing, Nov. 6.—Reports from department of conservation officers in the hunting areas indicate that deer will be plentiful this fall. Contrary to reports, the 1927-28 winter must have agreed with the fleet-footed inhabitants of Michigan's northern woods for in almost every section signs point to a large population.

The departments plans for the annual rush have been complete for the past two weeks. A new arrangement of the law enforcement officers this year is expected to result in stricter observance of the regulations. Employees of the forest fire prevention division are to be placed in the employ of the game protection division. These men are required by the nature of their work to know every inch of their respective sections. There is not a road or stream that is not known to them. When they join hands with the conservation officer the law-breaker will be confronted with an almost insurmountable wall of law enforcement. Last year special deputies were despatched from Lansing but they were seriously handicapped in their work by not knowing the country. The fire fighters will be virtually working in their own back yard and are expected to prove a big aid in protecting Michigan's deer from the hunter who chooses to gamble with the law.

Woman Eats Only Baby Food 3 Years

"For 3 years I ate only baby food, everything else formed gas. Now, thanks to Adlerika, I eat everything and enjoy life."—Mrs. M. Gunn. Even the FIRST spoonful of Adlerika relieves gas on the stomach and removes astonishing amounts of old waste matter from the system. Makes you enjoy your meals and sleep better. No matter what you have tried for your stomach and bowels, Adlerika will surprise you. —Mac & Gidley, druggists.

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Established—Experienced Twenty-nine Years

E. E. VROOMAN & CO.

105 Atlas Building WASHINGTON, D. C.

WINTER SPORTS PROGRAMS ARE DISCUSSED

(By E. M. T. Service)

Already communities and private enterprises in East Michigan which through happy combination of topography and climate are adapted to fostering of winter sports are giving attention to plans in preparation for the entertainment of winter

guests. Greenbush, Grayling, and Gaylord have been the prime movers in the development of winter sports, and indications are that the coming season will see the addition of a number of new communities which plan to commercialize their winter-time recreational assets to lure the winter sports enthusiast.

Subscribe for the Avalanche

Our Bulletin

The Busy Shopper's Guide

Who Has Ever Heard of Such a Thing.

We are offering you a fine line of Enamels for less than you can buy ordinary house paint. Kyanize is a medium gloss water-proof Enamel for walls, furniture and woodwork, and it is equally effective and beautiful on all interior surfaces. These prices are in effect for a short time only:

Gallons \$2.38	Half gallons \$1.25
Quarts 73c	Pints 40c
	Half pints 23c

This Store Can Assist With Your Selection

We handle the well known Kirsch Curtain Rods, and through this firm's service department we are in a position to help you with your drapery problems. From time to time we receive a lot of splendid literature from the Kirsch Company where questions on making and hanging draperies are answered. If we can be of any service to you do not hesitate to call at our store.

SEE IT IN OUR SHOW WINDOW

A living room set that you can not beat in beauty and price.

Davenport \$61.00
Wing Chair \$32.50
Coxwell Chair \$33.50

It is open stock. You can buy any piece separately.

ELECTRIC LAMPS

We are showing a line of Junior and Bridge Lamps at very attractive prices. A Junior Lamp with silk shade and metal stand with imitation of onyx base at \$10.50 complete.

Bridge Lamps with silk shades, as low as \$4.25

Our Variety Department

offers you just what you have been waiting for—good merchandise for less.

The Home of Dependable Furniture

School Notes

(Written by the students of the English classes.)

Debating

Grayling debating team under the supervision of Mr. Hill, the public speaking teacher, is expected to do much this year. Mr. Hill and the members of the team hold a meeting nearly every night and on Saturdays, when the new points are discussed and the speeches are explained. Mr. Hill also gave each one an outline to work from so that each person can do a great deal of work outside of school. Our first debate is with Standish on Nov. 15, when Standish's affirmative team meets our negative team.

Basket Ball

The coach says he is going to quit fooling now. The tournament is over and he wishes to have the best team that Grayling has ever had. He says that if you lose a game you should lose it fair. It is best to lose a game fair than to win a game by cheating. Will have practice every night starting this week, since both teams have a big schedule this year.

School has opened after a two weeks siege of measles. School was fumigated and thoroughly cleaned. The measles epidemic is on the decrease and we hope it will soon be entirely over. Its no fun to stay out of school for two weeks, then come back and double the work. Ask any of the high school students—they know!

We wonder why all the "Ohs" and "Ahs," the "she doesn't mark fair," and all the long faces and ugly looks? Don't you know? Of course! Report cards came out for the first time.

The High School Library is being refitted with metal book cases. These are very attractive and are real space savers. They improve the appearance of the library greatly and are a great help to librarians. We appreciate these very much. Plans are being completed for sending for a complete new line of books. This is an excellent idea as our books do need replacing.

Elmer Fenton and Margaret Warren substituted in the grades Friday. Mrs. Cushman and Miss Hermann, grade teachers, taking part in a singing contest sponsored by the Gaylord Potato Show.

Miss Estee—I wonder why Columbus thought the world was round.

Marian Hanson—Because it didn't give him a square deal.

Miss Lewis—Marius, what is a non-conductor?

Marius H.—One that isn't a conductor.

Miss Lewis—Give me an example.

Marius H.—A brakeman.

Student Council Candidates

The Juniors have selected three of their number as candidates for student council members. Those three fortunate people are Margaret Warren, Eleanor Gorman, and Clara Bugby. The three of them have good standings in their classes and if elected will do their best to make the student council a success.

In a recent class meeting of the Juniors, Gordon Pond was elected sergeant-at-arms for the purpose of helping to maintain order during class meetings, and to help in handling to maintain order SHRDLSHRDLing important affairs of the Juniors.

Events

Arla Ewalt, a former student of the Grayling school, visited high school last Monday and Tuesday. While in school she was the guest of Ella Fehr.

Thorwald and Loretta Sorenson are back after an absence because of the death of their uncle Mr. Victor Sorenson.

The marks came out the first day of last week—all were either smiling or very down hearted.

There are still a number of people out because of measles, we hope to see them back soon.

From now on Mr. Cushman says, cards are to be in the day after being given out or each party goes home after his card after school. Some have already had the experience of going after them.

Education makes the gentleman but looks and good company must finish him.—Emerson.

We wonder when the French classes will have their French banquet?

The English Literature classes have completed their study of "The Tempest." Everyone found the story very interesting.

Three of our teachers attended the annual Potato Show held at Gaylord, Nov. 2. They were Miss Hermann, Miss Quackenbush, and Mrs. Cushman.

"They Won Again"

A team of basket ball girls consisting of Juniors, who are Elizabeth Clara, Margaret, Mary S., Helen, Mary M., and Dorothy, won the interclass tournament championship from the Sophomore girls. This makes the third year in succession that they have won the tournament and they are hoping to make next year, which is their last year in high school, the fourth championship. They give due credit to Mary Mahnecke, who has never played with the team before, this being her first year at Grayling High.

School began again Monday morning after a vacation of two weeks. All students were called to the Assembly the first period and Dr. Keyport explained why every person should be a health officer in his own home and try to prevent the measles as much as possible. All students whose family has an active case of measles are requested to stay home.

What a variety of expressions were to be seen on the faces of students of Grayling High School all day Mon-

day. Why? Because report cards were marked.

The short hand class is beginning to write brief stories now.

The American History class took a straw vote for President. It came out just fine—27-12 in favor of Hoover.

The Chemistry class has received it supplies for the laboratory. The pupils did their first experiment last Friday.

Who'll Win?

Everyone is looking forward to election day in G. H. S. with as much enthusiasm as the voters did to the "Hoover-Smith" election. Several nominees from each class are eagerly waiting the outcome as to who will carry the majority vote for the "Student Council." Three representatives will be elected from the various classes to represent the student body at large. Will they be all Seniors? All Juniors? All Sophomores? Watch the school notes next week.

An election was held on Tuesday, Nov. 6 in the high school. The twelfth grade Civics class conducted the election. The polls which were in the corridor were opened from 1:05-3:15. The results of the election were as follows: 42 to 1.

In the inter class basket ball tournament held last week, the Senior boys won the championship by a score of 41-3. The Junior girls won by a score of 31-17.

Adequate precautions are being taken by the school to prevent the further spread of the measles epidemic. All who have been exposed are requested to visit the nurse each morning and have her examine them.

The U. S. History class was involved in quite an enthusiastic discussion of "Woman Suffrage," during the class period Monday afternoon. The question "Which is correct, rule or ruler?" originated in the geometry class recently and has been much debated by both the students and the faculty. No one seems to agree on the question. When we get it about settled someone brings up something that starts things going again. So far, a satisfactory conclusion has not been reached.

School Again

After a two weeks vacation due to the epidemic of measles in school, the building has again taken on its usual busy aspect. The halls and classroom traffic has become a steady roar and the students are again happy. All through the first week the gym was filled with immense crowds watching the interclass tournament which started on Tuesday evening. The Senior boys ran true to the expectations of all and won the championship in the last game.

Have You Noticed?

We are all back at the dear old school once more and the hitherto silent walls are filled with the busy rounds which are necessary to make school genuine. Most of us have profited from our two weeks vacation and everyone is pleased to begin school once more. Notice the spell that has been cast upon the students and teachers, they all appear eager to get down to work once more. Here's hoping they all will keep the good work up.

Ready For Work

The Chemistry classes now have their rubber laboratory aprons and also some new laboratory lamps. Miss Lewis reports that we are now ready for experimental work and that she is expecting the students to show the right enthusiasm in regard to the work mapped out for them. Come on students, learn all of the interesting facts that are included in the science of chemistry.

Measles

We have had an uninvited guest among us for the last few weeks. "Mr. Measles." He has almost succeeded in painting the town red, but not quite. However most of us are again back at school and ready for work.

Typewriting Blues

A few of our typewriting students are slightly behind in their exercises and a few are getting discouraged. Nevertheless typing is very interesting, and I do not believe it will be long before they will again be "up-to-date." Everyone admits that typing is fun and some of them have already decided to choose stenography for their life vocation. So let's catch up, students, and get into the game.

School Bell Rings Again

Everyone seems to find it hard to get to work again after our two weeks vacation. But we are getting accustomed to the old routine again and are interested in our campaign for a Student Council. Petitions are being circulated for the various students.

The English Literature students are starting their work reports. Six are required for the year. After reading the book, the student is required to give a report on what he has read.

The Latin 2 class has had the seating arrangement changed again for the advantage and benefit of those in the back row.

Many of the students attended the lecture given by Private Peat last Wednesday night and I am sure it must have found a welcome in everyone.

What about this Student Council business? Have you elected your candidates yet? Better hurry up if you have not.

More Jokes? Kids! Well Yes.

Heard over the phone—Let's go and soap Mr. Cushman's windows. "All right and I know where there is a lot of straw. Shall we get it and decorate up his place?" "Surely!" "All right, Goodbye. I'll be right over."

Now can any of you girls enlighten us about the above conversation? Please, we're really dying by inches with curiosity.

Helen Woodburn, Elsie Johnson and Leona Markby are back among the Friday night with a game between the ranks of the Juniors after being ab-

sent swing to illness just prior to the forced vacation. Welcome back, girls.

Master Robert LaMotte seems to have developed a habit of arriving just a few minutes late very morning. He greets Miss Estee's room with, "Aw, it's only a couple minutes after." He claims that he has resolved to be punctual every morning during the next six weeks. Let's see how long you can keep your resolution, Bob.

Basket Ball

The final round of the interclass basket ball tournament closed last Friday night with a game between the 9th grade first team and the 12th grade first team. The 12th has come through this tournament without losing a game and winning them all by one-sided scores while the Freshmen have had a couple of tough battles in winning their way to the finals. This was the best game of the tournament. The score was 41 to 3 in favor of the Seniors. The lineups were:

9th Grade:
Center—Amos Hoelsi.
R. Guard—Bill Callahan.
L. Guard—Bill Hunter.
00 usjt Mha'a? Plase yp
12th Grade:
Forwards—Elmer Neal, Elmer Fenton.
Center—Alva Stephan.
Guards—"Chuck" Wylie, Francis Brady.
Interclass basket ball results will be found on Page 2.

HAVING FINE TIME IN PHILIPPINES

(Continued from first page)
Every county, including Alpena, the home county of William A. Comstock, Democratic candidate for governor, appears to have given more than a safe majority to the Republicans. One or two Upper Peninsula precincts favored Smith for president, but the Democratic candidate was not the favorite in any large unit of the state.

Besides Governor Green, the state officials elected are as follows:
Loren D. Dickinson, Lieutenant-Governor.
John S. Haggerty, Secretary of State.
William M. Brucker, Attorney-General.
Frank D. McKay, Secretary of Treasury.
O. B. Fuller, Auditor General.

W. W. Potter, Louis H. Fead, and Walter North, Justices of Supreme Court, were elected to fill vacancies. Arthur H. Vandenberg was elected to the United States Senate.

All of the Republican state officers will have a majority of several hundred thousand votes over their Democratic opponents.

Congress Solid Republican

All Republican congressmen were elected from the state. They are:
First District: Rep. Robert H. Clancy, of Detroit, over William M. Donnelly, of Detroit.
Second District: Rep. Earl C. Michener, of Adrian, over Grover Morden, of Sibley.

Third District: Rep. Joseph L. Hooper, of Battle Creek, over W. L. Fitzgerald, of Kalamazoo.

Fourth District: Rep. J. C. Ketcham, of Hastings, over Roman I. Jarvis, of Benton Harbor.

Fifth District: Rep. Carl E. Mapes, of Grand Rapids, over Frank C. Jarvis, of Grand Rapids.

Sixth District: Rep. Grant M. Hudson, of East Lansing, over A. Bruce Atwell, of Detroit.

Seventh District: Rep. Louis C. Cramton, of Lapeer, over Varunum J. Bowers, of Mt. Clemens.

Eighth District: Rep. Bird J. Vincent, of Saginaw, over B. J. Abbott, of Saginaw.

Tenth District: Rep. Roy O. Woodruff, of Bay City, over Judson Richardson, of Evart.

Eleventh District: Rep. Frank P. Bohn, of Newberry, over Carl R. Henry, of Alpena.

Twelfth District: Rep. Frank James, of Hancock, over L. A. Barry, of Baraga.

Thirteenth District: Rep. Clarence J. McLeod, of Detroit, over Dr. John S. Hall, of Detroit.

Record Breaking Vote Cast

The record-breaking vote registered in all parts of the state made the work of the election officials difficult. In some precincts the ballot boxes were full to overflowing long before the polls closed and ballots had to be kept in improvised containers.

Fair weather throughout the state contributed to the excitement of the pre-election campaign in assisting to bring out the voters. Women cast more ballots than ever before and for the first time since they obtained the suffrage were recognized as a decisive factor in the election.

It is to the women voters that some political leaders attribute the unusual showing made by dry candidates in the supposedly wet areas of the state. Their scores of organizations for Herbert Hoover were an important factor in getting the voters to the polls, hundreds of women drivers having acted as chauffeurs throughout the day so that every woman would have a chance to cast her ballot.

In Detroit proper, both supervisors and inspectors witnessed turnouts such as they had never witnessed before. Booths were crowded during the morning hours in nearly all precincts. In some, 80 per cent of the ballots had been cast by mid-afternoon.

In others, voters were still standing in line at 8 o'clock, though the booths had been occupied all day. In a few instances, it was 9 o'clock before the last man in line voted.

APPECIATION
I desire to express my sincere thanks and appreciation to my friends of Crawford County who supported me at the polls in the recent election.
C. D. STRAHL.

Experience in managing men doesn't seem to count for much in the art of managing women.

Be yourself—if other people will stand for it.

EMERSON.

MICHIGAN AGAIN GOES REPUBLICAN

PRESIDENT, GOVERNOR, SENATE, CONGRESS AND ALL STATE OFFICERS ELECTED

Majorities Are About 2 to 1

Michigan went solidly Republican in the November 6th election, the entire state ticket being swept to victory in a veritable landslide that carried Hoover to the presidency of the United States. The Republican plurality in the entire state will probably exceed two to one when all the votes are officially tabulated.

Governor Green and all Republican candidates were elected by majorities that closely approach the total given Hoover.

Returns from the state show that the Republicans won by the overwhelming odds of approximately 2 1/2, or 3 to 1. Wayne County, including the City of Detroit, will out this lead down to the estimated 2 to 1 as the big city vote did not go so heavily Republican as did the smaller communities and the rural districts.

Detroit was heavily counted on by Democratic leaders to give them a lead as it was assumed that Smith's stand on the liquor question would influence a large number of normally Republican voters. This vote, however, did not materialize.

Republicans Win Every County
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APPECIATION
I desire to thank the voters of Crawford County for their support at the election Nov. 6. I certainly appreciate it and will endeavor to give the best service possible in return.
WILLIAM FERGUSON.

Children can fool the parents but the parents can't fool the children.

Subscribe for the Avalanche.
Read your home paper.

FOUND DEAD AT HIS HOME

Joseph Sullivan, who lived alone on his farm at T-town near the Michigan National guard flying field was found dead Sunday afternoon. Some boy had been sent to the home on an errand and when he found the door locked and there seemed to be no one there he looked in the window and saw the old gentleman lying on the floor. The cause of death was given out as acute dilatation of the heart. Mr. Sullivan was about 80 years old and was born in Ireland, but had been a resident of the United States for 64 years. He came to Grayling about five years ago owing to ill health, being a sufferer with asthma, and purchased the farm at T-town where he was engaged in raising rabbits.

He was a member of St. Mary's church where funeral services were held Tuesday morning. Rev. Fr. Callaghan officiating. The remains were taken to Detroit Tuesday night for burial. Those who came to Grayling to attend the funeral were a sister, Mrs. Mary Sexton, Mr. and Mrs. W. E. Flower and a stepdaughter, Mrs. Dash and husband of Detroit besides other relatives.

TOP O'MICHIGAN 1928 SPUD SHOW GREATEST IN HISTORY

The sixth annual show of the Top O'Michigan Potato and Apple Association, comprising 12 Northern Michigan counties, ended Friday night, November 2, after a three-day program. It was the most successful show held in the history of the association, in entries, attendance and interest. The big day was Thursday, when the annual banquet was held at which Governor Fred W. Green was the guest of honor. Professor E. V. Hardenburg, of Cornell University, was the judge and declared it was the finest show he had ever attended. Peter McVannell, of Gaylord, was the sweepstakes winner of potatoes; H. G. Waring of Kewadin, was the sweepstakes winner in apple competition and Arthur Estelle of Gaylord, was the Boys' and Girls' Club champion.



Jack Wood's Male Quartet and Bell Ringers
Tuesday Evening, November 13th Michelson Memorial Church

WOMAN'S CLUB NOTES

The first meeting of the Woman's Club for the year 1928-29 was held at the home of Mrs. Louis Horbison, Monday evening, November 5th.

The meeting was called to order by President Mrs. A. J. Joseph. Members responded to roll call after Mrs. Mary Sexton, Mr. and Mrs. W. E. Flower and a stepdaughter, Mrs. Dash and husband of Detroit besides other relatives.

The next regular meeting will be held at the home of Mrs. Thomas Cassidy.

HALLOWEEN PARTY A SUCCESS

Amid Halloween decorations and appointments, many couples danced merrily to the rhythm furnished by the Grayling Blue Blowers last Wednesday evening at the Temple Theatre. The Temple was bedecked with orange and black trimmings and streamers. Jack O'lanterns, witches and black cats taking their places upon the Halloween background and blending into a very realistic hobgoblin effect.



ON SALE AT

GRAYLING, MICH.

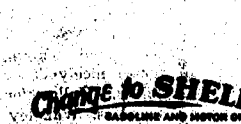


ANY CAR WILL START QUICKER AND PERFORM BETTER

WITH THIS HIGH COMPRESSION GASOLINE

If quick starting were the only advantage of Super-Shell, it would be a remarkable gasoline. If it had only the ability to stop knocks, it would have a full measure of popularity, but Super-Shell, in any car, sponsors new thrills in motoring all along the line. The moment you touch the starter there's action. You're away with acceleration that is unhesitating. Power? More than you ever before experienced. Naphthene-base crude oils give Super-Shell ample anti-knock properties. Shell has triumphantly proved that it is possible to produce an altogether satisfactory high-compression fuel without resorting to foreign chemicals or sacrificing a single desirable performance feature. Such a superfine gasoline is bound to improve the performance of any car—its effectiveness is not restricted to high compression service. Test Super-Shell under the most trying conditions. You will quickly be convinced that the few cents per gallon extra is but a trifling fee to pay for motoring at its best.

The Burke Oil Co.



QUICK STARTING

Super-Shell is the passport to quick starting—in any car, in any weather. No wearisome delay, no running down the battery on cold mornings—step on the starter and you're off.

Crawford Avalanche

SPECIAL POTATO SHOW SUPPLEMENT

GRAYLING, MICHIGAN, THURSDAY NOVEMBER 8, 1928

SECOND ANNUAL EDITION

DR. HARDENBERG JUDGES EXHIBITS PRAISE GROWERS

Standardization and Quality Must
Be Observed in Agriculture
As Well As Business

"Standardization has been of dominating importance in industry for many years," according to Professor E. V. Hardenberg of Cornell University, Ithaca, New York, who judged the potatoes at the sixth annual potato and apple show.

"Effective standardization in the marketing of potatoes began with the seed certification project and the later development of U. S. grades about 15 years ago," he remarked. "The same competition requires that all commodities, be they automobiles, shoes, potatoes or men, be marketed on the quality basis."

"Potato price differentials vary with known differences in market quality as produced in various regions of the country. For many years Long Island Green Mountain potatoes have commanded 25 cents a bushel more than the same variety from Maine. Similarly, Maine Green Mountains have brought 25 cents a bushel more than up-state New York Rural potatoes in the terminal market. These differences are due almost entirely to differences in market quality. This year competition will be particularly keen in view of our record potato production of an estimated total of 463 million bushels.

Quality Defined
"Since it is largely on the basis of quality that we must look for improvement in potato marketing, it is well that we attempt to define the meaning of this term. Market quality is quite another thing than eating quality and both are extremely important. As factors in the marketing program, almost no attention has been given to eating quality, while growers in general have only recently been forced to give attention to the meaning of market quality. Briefly, market quality involves all factors affecting appearance of the product, while eating quality is contingent upon the whims of the individual palate and the methods of preparation for the table.

Improving Market Quality
"The first step necessary in any constructive program looking toward the improvement of market quality in potatoes is a study of our market requirements. Such studies (Continued on Page 3)

Irvin J. Mathews Gives Impressions Of the Potato Show

I have seen many potato shows scattered here, there, and yonder but I have never seen one in which there were more high-class exhibits than were entered in the sixth Top O' Michigan Potato and Apple show just ended. Being a native son of northern Michigan—Emmet county to be more exact—I can be pardoned for having justifiable pride in this most unusual show which is acknowledged to be the premier potato show in all of Michigan and that's taking in a lot of territory.

The exhibits in the peck class of Russet Rurals interested me greatly. I was raised on potatoes but I am sure I do not know a great deal about them which is to say that only a man of the most discerning observation could have picked the winner out of the 125 exhibits, so uniform in size and shape were the various tubers in each entry. No man could (Continued on Page 4)

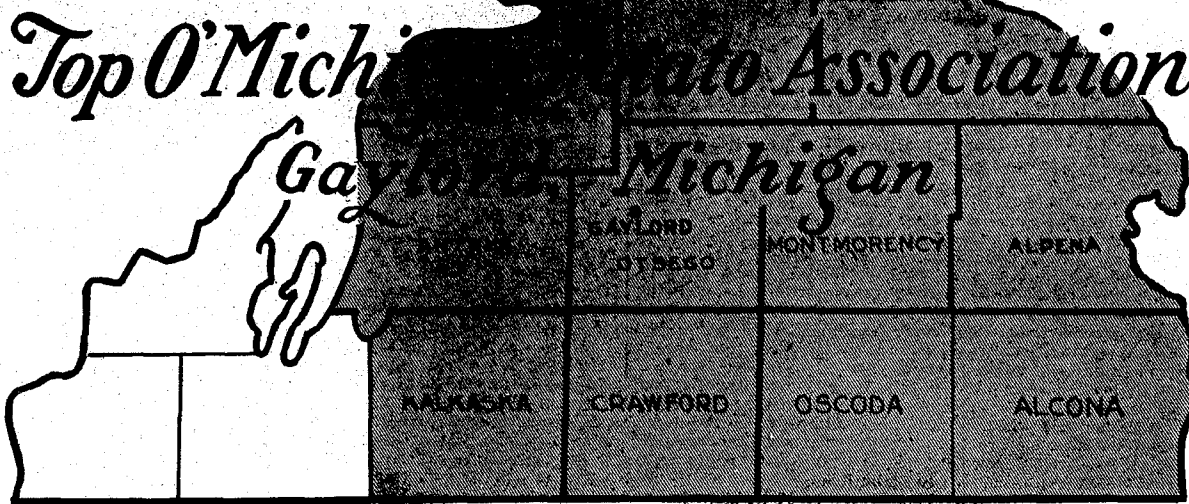
HOW PREMIUM MONEY WENT

The Show Association gave premiums amounting to \$1,246.50 in cash this year. The difference between this and the total premium money was made up of special prizes donated by interested organizations throughout the state.

The amount in the different departments of the show were as follows:

- Rural Russets, \$75; White Russets, \$25; Green Mountains, \$15; Irish Cobbiers, \$35; Early Ohio, \$20; Any other variety of merit, \$10; sweepstakes, best peck of any standard variety, \$10; County sweepstakes, \$40; County exhibits, \$100; 60 lbs. certified seed, \$100; 60 lbs. other late varieties, \$40; 60 lbs. early varieties, \$42; Beginners special, \$550; Bushel Bakers, \$15; Best potato, \$3.

Apple prizes totaled \$885.00 consisting of the following, in the different classes: McIntosh, \$15; Wealthy, Wolf River, Northern Spy, R. I. Greenings, Wagner, Golden Russet, Grimes Golden, Johnathan, Starks Delicious. In the club classes \$95.00 was given in the different classes. Grading contest, Pie baking contest, Potato paring contest, Judging contest totaled in cash \$261.50. The above were all given by the Association.



ANNUAL SHOW WAS GREATEST IN THE COUNTRY

395 Potato and 115 Apple Exhibits Compete for District Honors

The potato and apple growers of Northern Michigan assembled at Gaylord last week to show their products in friendly competition. The result of this assemblage was the greatest potato and apple show in the history of the Top O' Michigan Potato Association and the greatest show in the United States.

Every year the show association has been able to report, "A greater show than last year" but this year has been even greater. No single year has shown the increase in exhibits and no show has shown the interest than the Sixth Annual Show held at Gaylord, on October 31 and November 1 and 2.

With an increase in the number of entries over last year amounting to thirty-one per cent. The show has set a new high record for exhibits.

This increase had been anticipated.



GOV. FRED W. GREEN

ed, so a new location was obtained for the show room in the garage of the Northern Auto Company. This building was gaily decorated with banners which lent a wonderful atmosphere for the occasion.

The programs were held in the Auditorium where the entire program has been held in past years. (Continued on Page 4)

Bellaire Wins In Singing Contest; Grayling Second

The singing contest sponsored by the R. E. Olds Community Music Fund, was one of the biggest attractions of the Show, there being more than 500 people in the auditorium Friday morning to hear the different choirs compete for the \$200 given by the Music Fund.

The Community church of Bellaire won first place, with Grayling a close second. Other winners were: Third, Atwood; Fourth, Vanderbilt, and Fifth, Pickeral Lake.

The scoring was done on a basis of general expression which consisted of attack and finish, loud and soft, fast and slow, volume of tone, pitch and enunciation.

Each choir sang two songs, one of their own selection and "Jesus Christ Has Risen Today, Alleluia." Space does not permit of elaborating upon the merit of the different choirs, but too much cannot be said of the first two winners, for their work was just as nearly perfect as one could imagine. First place received \$100; second, \$50; third, \$25; fourth, \$15, and fifth, \$10.

NEWSPAPERS COOPERATING

It is with a great deal of pleasure that the Show Association acknowledges the real cooperation of the following newspapers who are sending out this supplement this week to their readers. These papers have a total subscription of 13,875:

- Cheboygan Observer, Cheboygan; Crawford Avalanche, Grayling; The Emmet County Graphic, Harbor Springs; The Onaway Outlook, Onaway; Presque Isle County Advance, Rogers City; The Alpena Daily News, Alpena; Montmorency County Tribune, Atlanta; Central Lake Torch, Central Lake; Otsego County Herald Times, Gaylord; The Mancelona Herald, Mancelona; The Boyne Citizen, Boyne City; The Ellsworth Tradesman, Ellsworth; Alcona County Review, Harrisville; and the Alcona County Herald, Lincoln.

John Breyfogle, county agent of Kalkaska county, is also distributing a copy to each farmer in his county.

Sixteen thousand copies of the paper are being printed, and the balance or 2,125 copies will be used by the Show Association in direct mail advertising to table stock growers in Ohio, Pennsylvania, West Virginia, Indiana, New York and Maryland.

THE APPLE GROWERS HAVE TWO PROBLEMS

Growing Is Becoming Specialized;
Many Small Orchards are
Being Destroyed

Ralph Rees, Horticultural Agent for the New York Central Lines, who spoke at our show this year, shows competitive fields in fruit. His talk is summarized as follows:

"The northern apple grower faces two types of problems. First, those problems which have to do largely with matters of production and second, the problems of meeting competition in marketing the crop after it has been produced. The problems of production are affected to a large degree by local factors and representatives of your state College of Agriculture and your County Agricultural Agents are best qualified to handle these questions.

"Competition in marketing comes from two principal sources," he remarked. "First, from apple production in other sections and second, from other fruits and vegetables."

Apple growing is becoming more and more a centralized commercial industry. The number of apple trees in the United States reached its peak in 1910. Since that time there has been a decrease of almost 36 per cent in the total number of apple trees. This decrease has not been reflected in a decreased commercial production, on the other hand commercial production has actually increased, due to the higher yields per tree.

"Thousands of trees have been eliminated from home and farm orchards. Thousand upon thousands of acres of commercial plantings have been removed where soil and climatic conditions were unfavorable for regular high yields. By 1940 we should have an increased population of twenty-five to thirty million people. At the present rate of apple consumption this would mean a market for 20 to 26 per cent more apples than in 1925. There will continue to be a heavy production of such standard varieties as Baldwin, Northern Spy, Rhode Island Greenings, Jonathan, Winesap, Stayman, Rome Beauty and others. The two varieties which will show the greatest percentage of increase are the McIntosh and Delicious. Delicious will show its greatest increase in the Pacific Northwest but will increase in most of the apple producing sections of the United States. McIntosh will make its principal increase in the New England states but will also show an increase throughout the northern latitude of apple growing states and in the provinces of British Columbia, Ontario, Quebec and Nova Scotia."

"Rapid transportation and refrigeration have helped much in the distribution of the apple crop. But the have also been responsible for developing a large competitive field in other fruits and vegetables."

"In the earlier days apples constituted (Continued on Page 2)

CONTESTS AT THE SHOW

The various contests held in connection with the sixth annual show were of interest to many of the visitors.

The primary object of the show being educational, the contests of this show were arranged to allow the contestants to study and compete with their fellow neighbors of the Top O' Michigan. Many persons who did not enter exhibits at the show and others who did not win ribbons in the show room were winners in these contests.

There were seven contests of major importance. In the Essay contest which has been described in other columns of this paper, two divisions were made. The boys were asked to write on "How can we further improve our certified seed potatoes." The girls were asked to write on "How may we further utilize the po- (Continued on Page 4)

Heard At The Show

"This is still a land of opportunity," —Gov. Fred W. Green.

"This is the finest show I have ever seen," —E. V. Hardenberg, Cornell University, Judge of this year's show.

"We feel this is the best show in America and is a world's classic, so long as we continue to put the style of quality in the bag we will find a profitable market for our product," —R. C. Bennett, Pres. Top O' Michigan Potato Show.

"This spot is the bright spot in the ten year program of the introduction and teaching of better farm practices," —L. L. Drike, District Agent, Michigan State College.

"It is encouraging to note that most varieties of apples exhibited are adapted to northern Michigan conditions, and the quality is exceptionally good," —R. W. Rees, Horticulturist, New York Central Lines.

"I don't know any place where there are so many highly skilled certified seed potato growers," —H. C. Rather, Head Farm Crops Dept. Michigan State College.

USE FERTILIZER TO GET MAXIMUM CROP

Soils Specialist Gives Valuable Points
on How to Grow
Potatoes Profitably

"The potato crop is produced in a comparatively short period of time and therefore needs plenty of plant food and moisture at all times in order to insure good production," according to J. W. Sims, soil specialist at Michigan State College. "The per acre cost, such as seed, labor, preparation for planting, are high and with the addition of a few pounds of available plant food the difference between profit and loss may be determined."

According to Mr. Sims, the recommendations regarding soil treatment are dependent upon three factors: first, type of soil, second, how the soil has been handled, and third, kind of crop to be grown. Even ear- (Continued on Page 3)

Bloom Co. Prize Essay Money Goes To Aza Collinson of Onaway and Forrest Wilson of Alcona Co.

Each year of the show the Bloom Company of Detroit have offered \$40.00 in prizes for essay contests among the schoolchildren of the Top O' Michigan Territory.

This year the contest was changed from the grade schools to include any boy or girl in High schools and 4-H club work.

The contestants had the choice of two subjects: (1) "How can we further improve our Certified Seed Potatoes," for boys, and (2) "How May We Further Utilize the Potato (or Apple) Crop," for girls.

HOW WE MAY FURTHER UTILIZE THE POTATO CROP (By Aza Collinson)

One of the questions asked by the farmers today is "What shall I do with my potatoes?" Everyone seems to have more than they can use or sell. Even at the markets potatoes are only 30c a bushel. Last year at this time they were 80c.

There are three grades of potatoes. The U. S. Fancy and U. S. Grade No. 1 are the best for consumption. Grade No. 2 is best for domestic products and animal feeding.

A great many potatoes are used for different products, such as potato starch, which is used for edible purposes in puddings, confectionary and pastry. The potato starch is used for laundry purposes in European Countries. The ordinary production of starch approximates from 20 to (Continued on Page 2)

SMALL FRUITS WILL PRODUCE WELL, HERE

H. D. Hootman, Secretary Michigan
Horticulture Society Sees Future
in Cherries

"In the economical production of any fruit crop it is up to the grower to pay close attention to the A, B, C's of his business," according to H. D. Hootman, Secretary of the Michigan Horticultural Society. "I have reference particularly to the factors of major importance that largely determine whether or not the undertaking will be profitable," he stated. "First in consideration is the soil. It should be fairly fertile and adapted to the crop that is to be grown. Next in importance is the selection of a site with plenty of elevation to afford air-drainage and secure fair immunity from late spring frosts. The last factor is the selection of the right variety."

He emphasized particularly the importance of a good soil and a good site. "There are years when a heavy crop will be produced on a poor location and a good site does not guarantee success, but success over a period of years without a good site is well nigh impossible. The fruit grower that is making money in the business today is the one favorably located with regard to a market for his product and who has the natural advantages of a good site, a good soil, and the right variety. This is true whether he is growing apples, cherries, raspberries, or strawberries."

Mr. Hootman pointed out that there are areas in this northern section of our state that are favorable located and particularly blessed by nature for the raising of cherries. They respond particularly well to the sandy types of soil. Nearness to Lake Michigan secures fair immunity from late spring frosts. Cherries are grown extensively in comparatively few states, Wisconsin, Michigan, and New York. He stated that, "Approximately 95 per cent of all sour cherries are marketed at the canners door—a cash market. Although planting of cherries has gone on at (Continued on Page 3)

Irvin Cole Gives Club Members Real Tips on Success

Irvin Cole, of Cheboygan county gave a very interesting talk in relation to "The Father, the club and the Boy" during the 4-H club activities on Thursday.

He remarked that the thought that came most forcibly to him was the absolute necessity of father and son meeting each other on a fifty-fifty basis.

Mr. Cole said, "I sometimes think it is the fathers fault that there is not better cooperation between he and his son."

"The fathers in many cases do not know the value of their son or sons. Neither do the sons know what value their father can be to them, if they will only cooperate with him. We may trace back any great enterprise, and winning body of athletes or any prospering organization and we will find it was cooperation of its members that put it across."

"If you and your father will get together and talk things over, pledge yourselves to each other and be true to your pledge I will promise you a better home, a better community, and a better nation."

Mr. Cole has always been active in boys and girls club work in Cheboygan county and has a son doing club work.

POTATO PRODUCERS LOOK TO US FOR SEED

Three Tours During Past Summer
Bring Table Stock Growers
From Many States

The farmers of several states have their eyes on northern Michigan as a source of certified seed.

Three potato tours have covered the Top O' Michigan territory this summer, besides many individual growers have looked over the fields from which their seed comes, or from which their seed is likely to come.

The first of these organized tours was the Michigan state Potato Tour under the direction of the Michigan State College, and the Michigan Potato Growers Exchange.

Beginning at Grand Rapids they visited fields along the route through Greenville, Cadillac, Mancelona, Gaylord, Alanson, Petoskey, Traverse City, Muskegon, and Kalamazoo. Six days were spent on the tour and approximately 600 people took part in the tour with about 30 out of state growers, buyers, and brokers. Both certified and table stock fields were visited on this tour.

The second tour was a group of 14 Pennsylvania farmers, representing the Pennsylvania Potato Growers Association, who chartered a special train for their visit into the Top O' Michigan.

These farmers came to Michigan (Continued on Page 3)

BRIEFS OF THE SHOW

During the six years of the Show Cheboygan county has won the sweepstakes three times; Otsego twice and Presque Isle once.

Cheboygan County won second place in the county exhibit. They are using the \$25.00 to stage a certified seed growers banquet next week. An ideal way to spend the money. The banquet will be held at Indian River on November 9.

The contests were attractive to many persons. Besides the boys and girls club contests, adult contests were conducted as follows: Grading, Singing, potato paring, apple pie baking, and potato judging.

D. B. Jewell, secretary of the Thumb of Michigan Potato Show and Wm. F. Johnson, manager of the Southwestern Michigan Potato Show were visitors at our show. Mr. Jewell was formerly County Agent in Antrim County. (Continued on Page 4)

POTATO CLUB WORK SHOWS ALPENA COUNTY FARMER WAY TO SUCCESS

Mr. Frank Diemond, one of Alpena County's successful farmers, has for several years been making dairying and potatoes the two chief enterprises on his farm. He has been a member of the Alpena County Herd Improvement Association and his two sons have been members of the local calf club since it was started. Up until two years ago, the potatoes which he was producing were neither standard variety, standard grade nor disease free and were going on the table stock market at a very low price.

The need for something to improve the potato enterprise, if it was to remain in his farm program, was felt by Mr. Diemond. The first move in that direction was when his two sons, Franklin and Manuel, joined the 4-H Potato Club in 1926. The father willingly cooperated in this move because since the boys had been in the Calf Club he knew something of value would be derived from a Potato Club project.

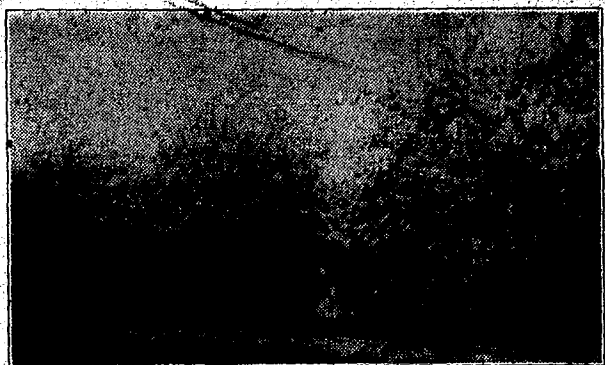
The boys purchased twenty bushel of certified seed, enough to plant one acre field. This acre was fertilized, planted and sprayed according to recommendations. When harvest time came it was found that the boys had produced on their one acre practically the same yield of marketable potatoes as their father had on four acres. The boys were successful in having their acre pass for certification and, needless to say, they had no marketing problem. The father purchased the certified seed for his own next year's seed.

The potato enterprise has continued on this basis on the Diemond farm. Each year the father grows a field of certified seed, while the boys have a smaller section for their own, which contains the seed plot. The boys have taken special interest in hill selection and tuber unit work. They attend all the growers' meetings with extension specialists and, needless to say, do a good deal of the roguing in their fathers' fields.

"The production of certified seed potatoes is a good proposition for Alpena county dairymen to hook up with," says Mr. Diemond. "One of the main reasons why these two projects fit so well together is that the potatoes furnish an excellent way to cash in on the fertility built up on the dairy farm which is producing alfalfa and sweet clover and receiving the manure from the dairy herd. Another reason is that the dairy herd furnishes a steady cash income to meet the running expenses of the farm while the certified seed is growing through the season to furnish a neat lump sum at market time."

THE APPLE GROWERS HAVE TWO PROBLEMS

(Continued from Page 1)
tuted an important part of the family's winter fruit supply. At present our entire city population and a very large percentage of the population in smaller towns and villages have access to a daily supply of citrus fruits and bananas and a wide range of commercial canned fruits. Every day there is a supply of fresh vegetables from various parts of the country. This competition is here to stay. It must be faced by the men who would stay in the apple industry. To successfully meet this competition a grower must be efficient



The Orchard of H. G. Warring or Kewadin, Antrim county, in full bloom

In all orchard operations, must have an orchard of standard varieties which the market knows and wants, and must have an orchard so located that it will give comparatively regular crops with high yield per acre. These crops must show a heavy percentage of No. 1 or A grade fruit. They must be carefully graded, honestly and attractively packed. With the increasing competition the matter of advertising becomes a more important one and without doubt must have serious attention if apples are to maintain a leading place in the fruit production.

"Northern Michigan has many natural advantages as an apple producing section. Comparatively low land values and low tax rates, coupled with nearness to great centers of population give this section a real advantage over those with extremely high land values and high transportation costs.

"This would not seem to be an opportune time for the inexperienced to plant heavily in Northern Michigan. The apple grower who has established orchards and cares to extend his plantings may do so with confidence that he can meet competition if he chooses the right varieties, the right location and is efficient in production and skilled in marketing."

HOW WE MAY FURTHER UTILIZE THE POTATO CROP (By Aza Collinson)

(Continued from Page 1)
25 millions of pounds. In Germany it is claimed that 4 per cent of the crop is used in the manufacture of starch.

In order to manufacture a high grade potato flour it is necessary to use sound stock. It does not mean it will have to be of No. 1 grade. In fact it has been demonstrated within the past three years that it is perfectly feasible to make a good quality flour from sound No. 2 and cull stock. In seasons of over-production (like this year) it offers an outlet for the surplus table stock, thereby preventing a total loss to the grower.

Some other products which are not as important are: dried potatoes, dextrine, glucose, starch, sugar and alcohol. The alcohol production from potatoes is widely practiced in Germany.

The only way we can increase the consumption of potatoes is to produce a sufficient crop each season to guarantee an ample supply for table purposes at a price commensurate with their food value. This

would involve a large over-production during favorable years, for which a profitable outlet would have to be created. When prices are high the consumer substitutes other vegetables or vegetable products and thus gets out of the habit of eating potatoes each day as a regular part of the diet. Productions must be increased through the use of better seed and improved cultural practices, thereby securing larger yields per acre at a reduced cost per bushel. Consumption must be increased through a steady supply of good sound potatoes at a price constant with a fair profit to the producer. Production and consumption must go hand in hand if a stable industry is to be built up.

The possibility of making greater use of potatoes as a feed for live stock should not be overlooked. German farmers feed nearly twice as many potatoes to their farm animals as the United States produces. Some 40 million hogs are largely grown and fattened on potatoes in Germany. Potatoes when cooked or siloed, and fed with grain makes a reasonably cheap and acceptable feed for swine and other farm animals, though cooking is not necessary when fed to cattle.

This year especially it is necessary to create new ways of using potatoes. Farmers are badly in need of any help they can receive on that subject, and I believe that the only way to increase the consumption is through education. So let's teach them how to use, the starch, flour and starch sugar of the potatoes.

HOW WE CAN FURTHER IMPROVE OUR CERTIFIED SEED POTATOES (By Forrest Wilson)

(Continued from Page 1)
and helps to eliminate grasses. A seed plot well conditioned before planting will require less work during the growing period. Too frequent cultivating is injurious to potatoes during the latter growing period.

A very profitable method of improving the Certified Seed is to have a small seed plot set aside and give this special care such as oftener roguing, spraying etc., this naturally will give better seed. Then plant seed from this plot instead of selecting your seed from the large field that has not had so good care.

Roguing carefully before each spraying makes it more easy to recognize the various diseases thereby lowering the danger of infection. When it is difficult to recognize diseases interview other growers, County Agent or M. S. C., study the leaflets given out by the County Agent in regard to growing your best certified seed.

The seed should be treated for scab, black scurf and several other diseases well known to the grower with a solution of Corrosive Sublimite. The seed should be treated in wooden barrels two or three weeks before cutting or while they are dormant. The seed should then be spread on a floor that is cool, well ventilated and lighted. On this seed green sprouts will be formed and the potato will remain quite firm until planting time.

Green sprouting is beneficial in several ways. It gives the grower a chance to discard the tubers that do not develop vigorous sprouts, these green sprouted potatoes will come up and usually mature several days ahead of the other potatoes that are dormant when planted.

Cutting the seed is a very important factor to consider. After the potatoes have been green sprouted it is best to hire competent men to cut the seed. Always select good sound seed that doesn't show and sign of discoloration and that average from five to ten ounces in weight. The seed should be cut into good blocky pieces with at least two good strong eyes. Before cutting a thin slice should be cut from the stem end and if the flesh is discolored on any of the potato they should not be used for seed. Frost injured potatoes should not be used for seed as chilling results in weak plant growth. Splitting the eyes also result in weak plants. It will pay to go to this extra work in cutting since a larger yield will be had.

A good legume crop such as clover or alfalfa should be plowed under preceding the planting of potatoes. It is not advisable to plant potatoes on land that has been freshly limed as the lime causes scab.

The planting time of potatoes in northern Michigan is the last of May or the first part of June. They should be planted fairly deep where they will be in cool moist soil. It is advisable to plant fairly close so as to prevent hollow heart. A larger yield and more uniform seed will be raised where they are planted close together. Above all never skip with the seed.

Cultivating should be done as early as possible to check weed growth. Before the potatoes come

up a spike tooth harrow should be run lengthwise the rows, this will save considerable hoeing during the latter part of the growing season. The first cultivation should be deep and close to the plants but after the plants become eight or ten inches in height the cultivator should be run a good distance away because several roots will be destroyed and will thus reduce the yield. Keep the soil level and do not ridge the potatoes.

It is a good practice to commence spraying as soon as possible to check the common beetle and fungous diseases that destroy the leaves of the plant. It is best to spray every two weeks, quite good results have been obtained by dusting once a week with Arsenical Copper Lime dust. This must be done in early morning when there is no breeze and the vines are still damp.

The leaf hopper should be watched with care since it is a leaf sucker it carries diseases from one plant to another and is therefore very harmful. It can be controlled by spraying with Nicotine Sulphate. This spray should be used on a calm day so that it will be distributed evenly.

When digging time comes have the cellar cleaned out and see that it is dry and well ventilated. Take pains and not bruise the potatoes and get as few mechanical injuries as possible.

By following the methods given before you can raise a better grade of certified seed potatoes. Take thirty-two of the best looking, true to type potatoes that you have and exhibit them at the fairs and also at the Top O' Michigan potato show. This will help advertise your seed and soon you will become known as one of the best growers of certified seed potatoes in northern Michigan. Join the certified seed potato growers association and get the top price for everything.

Lets Go! Lets further improve our certified seed potatoes for Michigan.

The other essay winners are as follows: (No other girl) (Boys), Otto Mathias, Mancelona; Walter Hertzler, Alcona; Arnold Ostrander, Onaway.

USE FERTILIZER TO GET MAXIMUM CROP

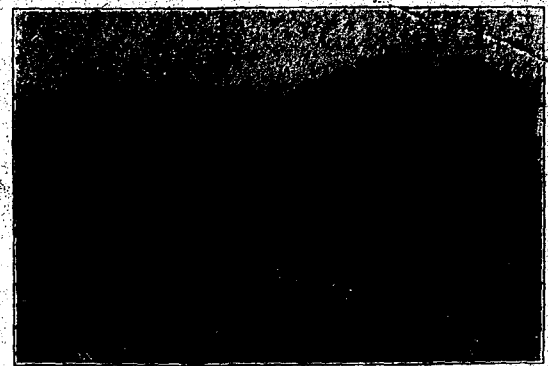
(Continued from Page 1)
ly and late potatoes need different treatment, according to Mr. Sims.

In a series of 24 experiments over five years, Mr. Sims points out how the fertilized plots outyielded the unfertilized plots on an average of 66 6-10 bushels per acre. In 19 tests comparing row and broadcast application, the average gain for the row application over the broadcast was 16 bushels per acre. In a comparison of a mixed fertilizer containing 4 per cent potash with no-potash used, 29 fields showed a gain of 14 bushel per acre, where the potash was used. In summing up definite recommendations, Mr. Sims suggests that the nitrogen content of the fertilizer be from two to four per cent, the phosphoric acid from twelve to sixteen per cent, and the potash about one-half to two-thirds as much as the phosphoric acid. The amount used would vary according to the capacity of the soil. In general 500 to 700 pounds per acre should be used. From these recommendations it would seem that the fertilizer most commonly used for potatoes should be the 3-12-4, the 2-16-8, and 2-12-6.

According to the Michigan Crop Improvement Association 90 percent of the certified seed potatoes are of the Russet Rural Variety.

The United States produces about ten percent of the worlds potato production. Germany, Poland and France lead the world in order named. The United States is about fourth in acreage and production, although low in yield per acre. Belgium ranks first in yield per acre.

O.K. CHAMPION LINE POTATO MACHINES



Farmers who grow potatoes commercially are obliged to look to the reducing their cost of producing at every turn. Two Row Machinery will cut labor by at least one-half.

Use the O. K. Champion Two-Row Power Potato Planter, Two-Row Power Cultivator, Power Sprayer, and Two-Row Power Digger. They actually performed in the field for the past two years and can be used with any tractor that has a power take-off.

Write for further description and prices, now.

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QUALITY SEED

Direct from the Grower

The Michigan Potato Producers' Association is offering Certified Potato Seed that is sold under the most rigid inspection of any seed going to the growers.

Roguing, field inspection, storing and shipping is under the rigid direction of our own pathologist and inspectors.

Our seed sells on its merit only. All we ask is that you give us a trial—we know the quality of our seed and the integrity of the grower.

When you buy from us you are buying direct from the farmer who grows the seed.

All Sacks branded with our trademarked brand and Sealed against fraud.

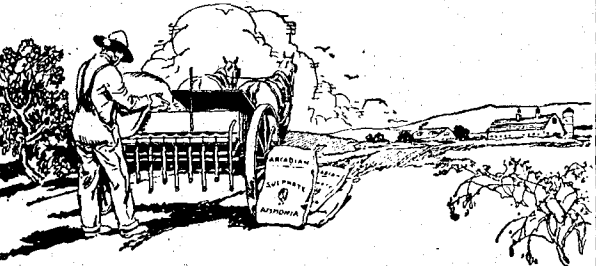
Inquire of

Michigan Potato Producers' Association

Alba, Michigan.

R. O. BENNETT, Pres.

ERNEST PETHIFOR, Sec.



Better Potatoes!

WHEN buying your potato fertilizer choose one containing Sulphate of Ammonia. There are sound reasons for this—

You kill two birds with one stone. The Ammonia supplies quick-acting nitrogen which assures a bountiful, early crop and the Sulphate stands for sulphur, which agricultural authorities agree gives a control reaction that checks the potato scab.

Sulphate of Ammonia (20-34% nitrogen, 25-34% ammonia, guaranteed) is endorsed by leading agriculturists and used by fertilizer manufacturers all over the world. It is entirely soluble in water and furnishes nitrogen in a form readily usable by your potato crop.

Make this year's potato crop a bumper crop—use Sulphate of Ammonia.

Results PROVE the quick availability of the nitrogen in

ARCADIAN
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The Barrett Company
Agricultural Dept.

The Barrett Company (address nearest office)

Please send me sample package of Arcadian Sulphate of Ammonia. I am especially interested in.....

(Write names of crops on line above) and wish you to send me bulletins on these subjects.

Name.....

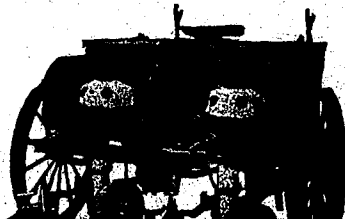
Address.....

IRON AGE POTATO MACHINERY

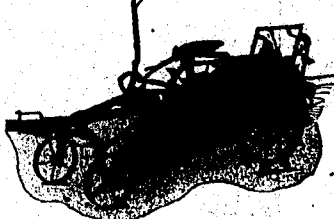
The Choice of the Best Potato Growers the World over.



IRON AGE
Single Row Potato
Planter. Both Auto-
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Feed



Two Row Potato
Planter Automatic
and Assisted Feed

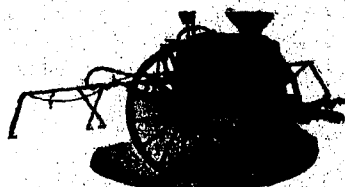


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TRACTION SPRAYER

Combination Field
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Sprayers

Also
Engine driven and
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gers. Stocks Conven-
iently located.

This is just one of the many good fields of Certified Seed Potatoes in the Top O' Michigan

PROF. HARDENBURG JUDGES EXHIBITS, PRAISES GROWERS

(Continued from page 1)
are now being made in New York and in other states. More than ever potato growers, through organized summer tours, are informing themselves by a visit to the large terminals. In no other way can a potato grower come to appreciate his own responsibilities in a successful marketing program.

"First of all, a standard product of high grade is essential. Second to this, an organization is necessary to handle the standardized product. The Michigan Potato Growers' Exchange and that of the Eastern Shore of Virginia are among the first well known examples of such organizations. The history of cooperative marketing would reveal a long list of unsuccessful attempts. Today the need for such organizations to successfully grade, handle and market this year's crop in New York, Pennsylvania, and Maine is startling.

Factors Affecting Market Quality
"It may truthfully be said that the most important elements contributing to good market quality are uniform grading, freedom from disease and blemishes, and bright-skinned tubers of desirable type. These factors may have little or no bearing on culinary quality, yet they certainly go a long way toward creating demand.

"We have too long presumed that successful potato marketing was a matter controlled by shippers and receivers. This certainly neglects the fact that low quality potatoes originating under unfavorable conditions can not be well graded, no matter who assumes responsibility for the job. Several cultural factors within the control of the grower determine quality in all its phases. Among these are choice of soil type and rotation, both of which determine brightness of skin and freedom from insect injury. Choice of varietal type is also related to soil type in that varieties subject to darkening on exposure to light are especially undesirable for production on heavy soil. The use of better seed planted close in the row is perhaps the most efficient means of producing uniform sized, well shaped tubers.

"We shall never have good market quality in the Northeastern States until more efficient Bordeaux application is the rule. Finally, better grading and more careful handling and storage than we are now accustomed to employ are necessary. These trite recommendations have been made many times, but we shall be forced to put them into practice here in the East if we are to continue the potato industry as a profitable enterprise and successfully compete with some of our Western neighbors.

Significance of Eating Quality
"One of the great needs today is for a greater appreciation on the part of the consuming public of the food value of the potato. Two means whereby the consumption of potatoes per capita by the American people can be increased is through improvement in quality and a little more popular recognition of their food value. Indeed, too little is known of the factors which affect the culinary value of this commodity. Our colleges and experiment

stations might well devote some research facilities to this end.

"Too much propaganda has been abroad to the effect that potatoes are fattening. This supposed fact has recently been disproven by some of our noted nutrition experts. Dr. John Harvey Kellogg, in the September number of the American Potato Journal, urges the American people to eat more potatoes for health. Long a champion of cereal foods, Doctor Kellogg now urges us to recognize that potatoes, more than any other of our staple foods, can supply the needed alkaline reaction of our body fluids. He also states that the potato, being low in Vitamin A and high in the other essential vitamins, may well supply the proper balance when eaten with other foods.

"Dr. Nikkel Hindhede, noted Nutrition Specialist of Denmark, states that Danish people owe their remarkable health and longevity to the high consumption of potatoes in that country. He further states that if Americans would eat five times more potatoes, there would be less illness in the nation.

Features of New York's Potato Program

"Several potato projects are being developed among New York State growers looking toward economies and efficiencies in both production and marketing. A campaign is being waged in several counties looking toward improvement in market quality. Facts obtained by studies made in terminal markets are being used as a basis in this campaign. Growers are being shown the tremendous amount of marketing machinery and costs involved in the marketing process.

"Spraying versus dusting demonstrations are being carried on in several counties in cooperation with the farm bureaus. Growers are being urged to use concentrated fertilizers to effect economies and instructions are provided as to method of application to insure safety. Several communities have organized community seed treating groups whereby the hot corrosive sublimate treatment is used on a large scale. The number of community spray rings is increasing in New York. This method of encouraging more and better spraying is especially adapted to localities where the average is small, and the growers can not afford to own their own equipment.

"Several farm bureaus are promoting the tuber-unit method of seed improvement whereby foundation seed stock can be provided the community at large. Seed certification has had a steady, conservative growth in New York, the present acreage approximating 2000. One of the most hopeful phases of this project has been the more general use of certified seed in the same localities where it is produced.

"Last February the Empire State Potato Club, comparable to the 400 Bushel clubs in other states was organized. With a total membership of 53, 42 of these growers have entered a Premier Growers' Contest. These growers are required to keep cost of production records, as well as yield records, on three acres of potatoes. Premier membership will be awarded on the basis of a score card rating. In this rating 50 per cent is apportioned to the cost of

production per bushel, 40 per cent to yield of U. S. No. 1 grade and 10 per cent to total yield. Suitable awards will be made to the ten highest rating growers in the contest. We confidently believe that this type of organization will eventually greatly influence the realization of economic production and market quality in the Empire State."

E. V. Hardenburg,
Cornell University,
Ithaca, N. Y.

Mr. Hardenburg will be remembered by many as the man who judged the second annual show in 1924. He remarked that he was very much impressed with the improvement shown during the last four years.

ANTRIM CO. NOTED FOR QUALITY SPUDS

Frank Glidden's Success Reads Like Fairy Story, but He Has Made Good.

Antrim county is noted for its large number of certified seed growers. Many of these growers have been pioneers in the growing of certified seed and many good seed growers have been developed.

Among these seed growers is one, Frank Glidden of Alba, whose success as a certified seed potato grower reads like fiction.

Up until 1913 Mr. Glidden was managing a cattle ranch in North Dakota. Deciding that if he was ever going to get ahead in this old world, he would have to get in business for himself. It was thru the efforts of R. C. Bennett, banker at Alba, that he bought forty acres at Alba in 1913. He did not move on it until 1915. At that time he was interested in alfalfa and dairying. He grew a few potatoes, mainly because his neighbors did. He was not very much interested in potatoes until the time when C. W. Wald talked about certified seed.

The first year that Mr. Glidden started to farm he bought fifty bushels of very nice seed from Elmer Post, who had been practicing hill selection for several years. He paid seventy-five cents per bushel for this seed, when table stock was selling at twenty-five cents a bushel. The first of August that year there was a hard frost that killed everything. From five acres he harvested eighty bushels. After this setback he went to working out for a dollar a day and his board.

In 1916 he planted five acres from seed selected the previous year. The season being more favorable he made a little money from the crop. Since that time he has been a firm believer in hill selecting and has been constantly improving his strain of seed.

It was in 1921 that he raised his first crop of certified seed. This was on new ground that had many stumps left on it. He sprayed with a knapsack sprayer. His average yield was 175 bushels per acre. That year the Soils Department of Michigan State College had some commercial fertilizer test plots at Alba. The fertilizer gave such good results that since then Mr. Glidden has always used it on his crop. The following year he planted another ten acres which yielded about the same as the previous year. This time, however, he used a power sprayer.

In 1924 he plowed an alfalfa sod to which he had applied eight to ten loads of manure per acre. Along with this he put on five hundred pounds of 3-12-4 commercial fertilizer. On five acres his average yield was 406 bushels.

He plants his potatoes 34" by 14" and applies all of the commercial fertilizer in the row. He uses a cultivator once and a weeder about four times. He sprays with three hundred pounds pressure and with the boom set to cover all parts of the plants. From five to seven sprays are applied each year.

When asked about roguing, he replied, "Rogue all of the time." By so doing his field is always clean and a visitor can be shown it without any alibi. Mr. Glidden always has a ready market for his seed.

SMALL FRUITS WILL PRODUCE WELL HERE

(Continued from Page 1)
a rapid rate in recent years, the saturation point at which cherries are no longer profitable will not soon be reached if we continue to grow and can quality cherries. Leaf-spot quickly eliminates unsprayed orchards.

Red raspberries do especially well in this section of the state, according to Mr. Hootman. "The limiting factor in their production is often a soil problem. Low yields result when raspberries are planted on thin shallow soils that dry out rapidly." The following suggestions are made by him for improvement in the raspberry industry:

1. Select high, well drained site—cool North side.
2. Set disease free plants.
3. Feed the plants.
4. Keep out all weeds during the fruiting season.
5. Use proper tools in cultivation.
6. Use proper care in cultivation.

Mrs. Gutteridge gives her recipe for the Top O' Michigan pie as follows: 1 cup flour, 1/2 cup lard, 1/2 teaspoon salt, 1 cup sugar, Butter size large walnut. Small amount of cinnamon and nutmeg. Enough sliced apples to fill pan.

First make the dough, for the crust by whipping with a spoon, pour in the apples, add sugar, butter and spices, place in oven and bake for twenty minutes.

STATE DEPARTMENT GIVES GRADING LAWS

Exhibit at Show of Great Value to Potato Producers of this District

The state Department of Agriculture had an interesting exhibit on grading and packing apples and potatoes. On the walls were large placards setting forth the requirements of each grade and urging the grower to follow the requirements closely this year on account of the large production.

The suggestion given out were as follows:

Potatoes

"U. S. Fancy Grade—must be mature, bright, well shaped, free from freezing, injury, soft rot, dirt or other foreign matter, sun burn, second growth, growth cracks, hollow heart, cuts, scab, blight, dry rot disease, insect or mechanical injury and other defects.

Must not be less than 2 inch minimum and not more than 5 per cent by weight in any lot may vary from size declared."

This means that the U. S. Fancy grade must be clean, practically free from defects and fairly uniform in size.

U. S. Grade No. 1

"Must not be badly mishapen and free from sunburn, second growth, growth cracks, hollow heart, cuts, scab, blight, dry rot disease, insects, mechanical injury, or other means. Must not be less than 1 7/8 inches minimum for round varieties and not less than 1 3/4 inches minimum for long varieties.

Not more than 5 per cent by weight may be below the prescribed size of either long or short variety."

Growers and loaders must both extend every effort this season to put up a pack that meets the grade at terminals in order to market Michigan's crop.

U. S. No. 2 Grade

"Must be free from freezing, injury, soft rot, and serious damage caused by sunburn, second growth, growth cracks, hollow heart, cuts, scab, blight, dry rot, disease, insect or mechanical or other means.

Must not be less than 1 1/2 inch minimum, nor more than 5 per cent by weight in any lot may be below size prescribed."

Growers and loaders should not attempt to market any No. 2 stock in 1928; to do so in view of the heavy volume expected would mean a loss to all parties concerned.

No. 2 stock should not be removed from the growers' premises.

Michigan Standard Apple Grades

"Michigan Fancy Grade must be highly colored, uniform in size and apparently free from defects and blemishes.

"Michigan 'A' Grade must have good color and for most varieties not less than 2 1/2 inches minimum and must be apparently free from defects and blemishes.

The 'A' Grade is the most popular grade used by Michigan apple packers and should be packed in a attractive manner. Rough usage in picking, handling and packing is Michigan's most fatal set back.

'B' Grade consists of apples that are not colored sufficiently to pack as 'A' Grade and apples that have defects such as healed over strings, scales, or fruit spots that do not average more than 1/2 inch in diameter or of the aggregate surface of each apple that affected.

HOMER WARING MAKES OLD ORCHARD PAY

30 to 50 Year Old Neglected Trees Rejuvenated; Now Produces Prize Winners

Homer G. Waring of Antrim county is one of those fruit growers who sees the possibilities in the rejuvenation of old orchards. The apple orchard which Mr. Waring is now operating is from 30 to 50 years old and up to 1915 had been very much neglected. One part of the orchard, however, was left to sod and on this was applied five pounds of sulphated ammonia per tree. The total yield at that time was 300 bushel

for the orchard. In 1927 in the same orchard, but with clean cultivation, he harvested 1,500 bushels.

The past few years he has been using barnyard manure at the rate of 700 to 800 pounds per tree. This is applied with a manure spreader and he crosses the orchard both ways between the trees.

"Thinning pays well," says Mr. Waring. Each year he thins the fruit on as many of his trees as he possibly can, especially the Northern Spys and Steel Reds.

Spraying is also one of the major factors in Mr. Waring's profitable fruit growing. Six applications were made this year with 350 pounds pressure and plenty of spraying material to each tree. He sprays from the top of the tree and uses one line of hose. Spraying is always done to the wind and he does not change to the other side of the tree until the wind changes.

His orchard this year was especially free from disease and the fruit clean.

Practically all the fruit is sold in the fall thru a brokerage firm in Grand Rapids. However, a small part is sold locally to people who buy direct from the farm. All of his fruit is carefully packed in bushel baskets, excepting the Ben Davis variety which is shipped in bulk.

Besides his apples, Mr. Waring also has a number of cherries and some peaches.

The farm is located overlooking Grand Traverse Bay on the west, and Torch Lake on the east. Mr. Waring has always been a supporter of the Top O' Michigan Show, exhibiting each year since apples were included. At the 1927 Show he was the sweepstakes winner and also won the prize for the best apple.

Mrs. Waring should also be given considerable credit for Mr. Waring's achievements, for it is she who selects the fruit to be exhibited at the Show and gets it ready.

POTATO PRODUCERS LOOK TO US FOR SEED

(Continued from Page 1)
as guests of the Michigan Potato Producers' Association.

The first day of their visit into northern Michigan was spent in Antrim and Kalkaska counties where many fields were visited.

The second day was devoted mostly to sightseeing. A trip to Mackinac Island was made in the morning, but a visit to several potato fields in Otsego County was made in the afternoon. Late in the evening they took their train from Gaylord to their homes in Pennsylvania.

These farmers buy a large amount of certified seed from Northern Michigan. Their trip was an invaluable one from the standpoint of potato development. Seeing good potatoes growing in the field is one of our greatest sales arguments for using good northern grown seed.

The third tour was made by a group of about 50 Ohio potato growers and it joined up with the Pennsylvania Tour part of the time. The Ohio farmers spent considerable time in Antrim, Otsego, Emmet and Cheboygan counties.

You pay once only for any Concrete Farm Improvement

Farm Storage Cellar Will Pay for Itself

Have you ever had the experience of trying to sell apples, potatoes and other crops when everyone else was trying to do the same thing?

Markets glutted at harvest time often knock the profits out of a season's efforts.

Why not arrange to store some of your crops so they can be marketed in accordance with demand?

Here's where the concrete storage cellar comes in. Many a farmer who has one can tell you that its total cost was returned to him the first year by being able to take advantage of marketing conditions when they were most favorable.

You can easily build a storage cellar or other concrete improvements on your farm by following a few simple directions. Let us send you a free copy of our booklet "Plans for Concrete Farm Buildings." Write for it today.

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"For Farmers Everywhere"

How you can be sure you are getting high analysis fertilizer of the Highest Quality?

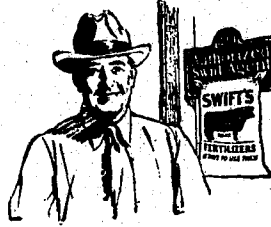
On each bag of Swift's Red Steer Fertilizer is a Certificate of Quality. It certifies that Red Steer is made of BEST MATERIALS, DOUBLE MIXED and TRIPLE TESTED. That means plantfood from the most productive sources, rigidly tested for quality; even, uniform mixing; excellent mechanical condition.

This Certificate of Quality assures the potato growers of Michigan that they are getting High Analysis Fertilizer of the Highest Quality.

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It means—a plus value in fertilizers! A plus value over and above the guaranteed analysis.

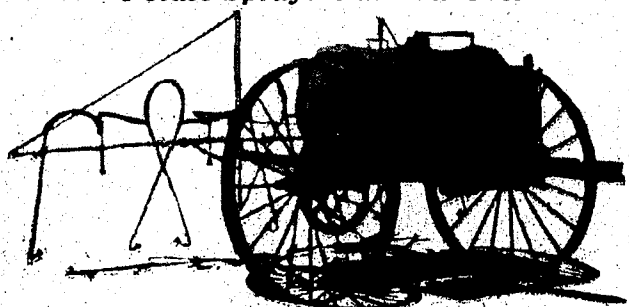
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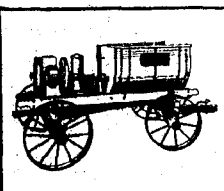
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For Orchards and Crops
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Tell us about your needs and Let us send our Catalog—

We have a machine at Reasonable Cost that will do your work.

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Lansing, Michigan
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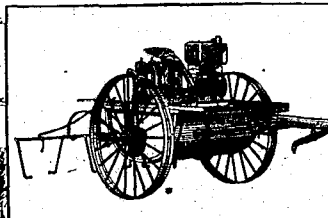
Hardie serves the grower with a vast experience in the designing of sprayers, an engineering that is both progressive and conservative and a sales policy that squarely meets the grower's present needs. Hardie Potato Sprayers are widely and favorably known because of capacity, power and durability.

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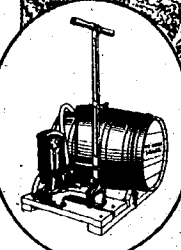
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DEPENDABLE SPRAYERS
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It will give perfect satisfaction in orchard and field. The Hardie Victor and Perfection row sprayers are traction outfits that any team can easily handle. Hardie makes orchard and potato sprayers, power and hand in many sizes selling from \$5.00 to \$1500. Write for latest catalog.



Hardie hand power sprayers are made in 4 sizes with and without barrel. They operate easily. Anybody can repack the pump. Remove one nut and the entire working parts drop into the hand.

Annual Show Was Greatest In The Country

(Continued from Page 1)

Over three thousand persons visited the show and attended the programs during the three days of the show.

Governor Fred W. Green was the principal speaker of the occasion and was ably assisted by numerous other speakers from the Michigan State College.

The Boys and Girls drew over 100 4-H club members from all over the northern end of the lower peninsula and they heard a very interesting program arranged particularly for them.

Early Tuesday morning the potatoes and apples began to come in and by evening practically all exhibits were in place. When the show formally opened on Wednesday, there were found four hundred and twenty seven of the best potato exhibits and eighty of the best apple exhibits ever to be assembled at a Top O' Michigan show and we believe in America.

The judging occupied a little over one day but by the time the afternoon program of the second day the judges had completed their work and announced that Peter McVannell of Gaylord was the sweepstakes winner in potatoes and H. G. Waring of Kewadin sweepstakes winner in apples.

At the same time the Boys and Girls Club winner was announced as Art Estelle of Gaylord.

Professor E. V. Hardenburg of Cornell University, New York, was the potato judge and he was assisted by C. M. McCrary of Michigan State College.

R. W. Rees, horticulturist of the New York Central Lines, and H. D. Hootman of Michigan State College judged the apples.

The competition in the peck exhibit of Russet Rural potatoes was the keenest with one hundred twenty-three entries. This was won by Peter McVannell of Gaylord.

The complete list of winners in the potato classes is as follows:

Russet Rural (Peck)
1st. Peter McVannell, Sr., Gaylord; 2nd. Lloyd Skilton, Gaylord; 3rd. Russel Cole, Alanson; 4th. Geo. Skilton, Gaylord; 5th. M. Demerest, Johannesburg; 6th. Harold Bailey, Gaylord; 7th. W. D. Henley, Charlevoix; 8th. Elwin Van Buren, Vanderbilt. Awards of Merit: Ira Cole, Alanson; Russel Cole, Alanson; Lee Sneathen, Alanson; H. Behling, Boyne City; Arthur Estelle, Gaylord.

White Rural
1st. M. Smilowski, Gaylord; 2nd. S. Smilowski, Gaylord; 3rd. A. Smilowski, Gaylord. Award of Merit, Charles Walters, Millersburg.

Green Mountains
1st. R. J. Gehrke, Ossineke; 2nd. Joe Smolarz, Gaylord.

Irish Cobblers
1st. J. D. Robinson, Pellston; 2nd. Ray Warner, Gaylord; 3rd. Lee Sneathen, Charlevoix; 4th. C. G. Brudy, Wolverine.

A. M. M. Demerest, Johannesburg; John Allis, Gaylord.

Early Ohio
1st. C. G. Brudy, Wolverine; 2nd. M. Karlsake, Vanderbilt.

Any Other Variety
1st. F. E. Wyrick, R. Burbank, Alanson; 2nd. R. J. Gehrke, Ossineke; 3rd. J. Kuivenen, Lewiston; 4th. Theo. Habermehl, Herron; 5th. W. J. Gierke, Triumph, Ossineke.

County Exhibit
1st. Osego county; 2nd. Cheboygan county; 3rd. Charlevoix county; 4th. Antrim county; 5th. Alpena county.

Certified Seed (Russet Rural)
1st. H. Behling, Boyne City; 2nd. Chas. Kolesky, Boyne City; 3rd. Ira Cole, Alanson; 4th. Lee Sneathen, Charlevoix. Awards of Merit: S. Sutton, Central Lake; M. Demerest, Johannesburg; Geo. McKenzie, Johannesburg; Irvin Cole, Alanson; C. B. Todd, Boyne City; W. D. Henley, Charlevoix. Certified Seed, Any other late variety
1st. F. E. Wyrick, Alanson; 2nd. Joe Smolarz, Gaylord.

Certified Seed, Early Variety
1st. Lee Sneathen, Charlevoix; 2nd. J. D. Robinson, Pellston.

Beginners Class
1st. Geo. Skilton, Gaylord; 2nd. M. Demerest, Johannesburg; 3rd. W. D. Henley, Charlevoix; 4th. Mark Scott, Wolverine; 5th. Joe Lew, East Jordan; 6th. Geo. McKenzie, Johannesburg; 7th. Mrs. Geo. Skilton, Gaylord.

Awards of Merit: A. B. Todd, Boyne City; R. G. Morris, Cathro; W. L. Thomas, Bellaire; Ralph Dye, Petoskey; August Jensen, Walloon Lake.

Baking Class
1st. E. Sutton, Central Lake; 2nd. Carl Widger, Gaylord; 3rd. M. Demerest, Johannesburg; 4th. R. G. Morris, Cathro; 5th. P. McVannell, Sr., Gaylord.

Best Potato
P. McVannell, Sr., Gaylord.

BOY'S AND GIRL'S CLUBS
Club Exhibit
1st. Hayes Po. Club, Gaylord; 2nd. Burt Lake Club, Alanson; 3rd. Five Lakes Club, Gaylord; 4th. Alba Club, Alba; 5th. Meston Club, Gaylord.

Individual Within Club
Five Lakes, Gaylord
1st. LaVerne Olund; 2nd. Carl Widger; 3rd. Russel Skilton.

Hayes Club, Gaylord
1st. Arthur Estelle; 2nd. Ed McVannell; 3rd. Clare Warner.

Burt Lake, Alanson
1st. Irvin Cole, Jr.; 2nd. Dolly Cole; 3rd. Emory Potter.

Meston, Gaylord
1st. Syl. Dipinski; 2nd. Wm. Holleviski; 3rd. John Kuivenen (Lewiston).

Any Other Variety, Gaylord
1st. Ray Warner; 2nd. John Kuivenen.

Open Class
1st. Arthur Estelle, Gaylord; 2nd. LaVerne Olund, Gaylord; 3rd. Irvin Cole, Jr., Alanson; 4th. Dolly Cole, Alanson; 5th. Carl Widger, Gaylord.

Awards of Merit: Russel Skilton, Gaylord; Ray Warner, Gaylord; Mary Rotter, Alanson; Milford Shaff, Gaylord; Ed McVannell, Gaylord.

The complete list of winners in the apple classes was as follows: Sweepstakes in both trays and plates were won by H. G. Waring of Kewadin.

Plate—McIntosh
1st. H. G. Waring, Kewadin; 2nd. Frank Crowl, Harbor Springs; 3rd. D. D. Tibbits, Boyne City.

Plate—Snow
1st. H. G. Waring, Kewadin; 2nd. H. B. Schupert, Alpena; 3rd. Frank Crowl, Harbor Springs.

Plate—Wealthy
1st. Frank Crowl, Harbor Springs; 2nd. D. D. Tibbits, Boyne City; 3rd. Eveline Orchards, East Jordan.

Plate—Wolf River
1st. Eveline Orchards, East Jordan; 2nd. W. J. Dewey, Bellaire; 3rd. Frank Crowl, Harbor Springs.

Plate—Northern Spy
1st. H. G. Waring, Kewadin; 2nd. W. J. Dewey, Bellaire; 3rd. Eveline Orchards, East Jordan; 4th. W. J. Dewey, Bellaire; 5th. H. G. Waring, Kewadin.

Plate—Rhode Island Greening
2nd. Frank Crowl, Harbor Springs.

Plate—Wagner
1st. D. D. Tibbits, Boyne City; 2nd. Frank Crowl, Harbor Springs; 3rd. W. J. Dewey, Bellaire.

Plate—Golden Russet
1st. Lee Sneathen, Charlevoix; 2nd. Frank Crowl, Harbor Springs; 3rd. Eveline Orchards, East Jordan.

Plate—Grimes Golden
1st. F. H. Hemstreet, Bellaire; 2nd. Frank Crowl, Harbor Springs; 3rd. Eveline Orchards, East Jordan.

Plate—Jonathan
1st. Eveline Orchards, East Jordan; 2nd. W. J. Dewey, Bellaire; 3rd. Frank Crowl, Harbor Springs.

Plate—Stark's Delicious
1st. Eveline Orchards, East Jordan; 2nd. Frank Crowl, Harbor Springs; 3rd. Geo. Cook, Harbor Springs.

Plate—Any Other Variety
1st. D. D. Tibbits, King, Boyne City; 2nd. W. J. Dewey, N. N. Gr., Bellaire; 3rd. W. J. Dewey, Tallman Sweet, Bellaire.

Tray—McIntosh
1st. H. G. Waring, Kewadin; 2nd. Eveline Orchards, East Jordan; 3rd. H. B. Schupert, Alpena.

Tray—Wolf River
1st. Eveline Orchards, East Jordan.

Tray—Wagner
1st. Eveline Orchards, East Jordan; 2nd. F. H. Hemstreet, Bellaire; 3rd. H. B. Schupert, Alpena.

Tray—Jonathan
1st. Eveline Orchards, East Jordan; 2nd. F. H. Hemstreet, Bellaire.

Tray—Snow
1st. H. G. Waring, Kewadin; 2nd. Eveline Orchards, East Jordan; 3rd. H. B. Schupert, Alpena.

Tray—Northern Spy
1st. H. G. Waring, Kewadin; 2nd. Eveline Orchards, East Jordan; 3rd. F. H. Hemstreet, Bellaire.

Tray—Golden Russet
1st. Eveline Orchards, East Jordan.

Tray—Stark's Delicious
1st. Eveline Orchards, East Jordan.

Tray—Wealthy
1st. Eveline Orchards, East Jordan.

Tray—Grimes Golden
1st. F. H. Hemstreet, Bellaire; 2nd. Eveline Orchards, East Jordan.

Tray—Any Other Variety
1st. H. G. Waring, Steel Red, Kewadin; 2nd. Eveline Orchards, Golden Delicious, East Jordan; 3rd. F. H. Hemstreet, York Imp., Bellaire.

Bushels
1st. C. L. Randall and Co., Winter Banana, Cheboygan; 2nd. H. G. Waring, Steele Red, Kewadin; 3rd. Eveline Orchards, Grimes Golden, East Jordan; 4th. Eveline Orchards, Snow, East Jordan; 5th. Eveline Orchards, McIntosh, East Jordan; 6th. Eveline Orchards, Wagner, East Jordan.

Awards of Merit: Eveline Orchards, Golden Russet, East Jordan; Eveline Orchards, Jonathan, E. J. C. L. Randall, Snow, Cheboygan; C. L. Randall, Stark's Delicious, Cheboygan.

Fancy Pack
1st. H. G. Waring, Steele Red, Kewadin; 2nd. Eveline Orchards, Wealthy, East Jordan; 3rd. Eveline Orchards, Wealthy, East Jordan; 4th. Eveline Orchards, Mixed, East Jordan; 5th. Hemstreet, Bellaire.

Best Apple
D. D. Tibbits, King, Boyne City.

I. J. MATHEWS GIVES IMPRESSIONS OF POTATO SHOW

(Continued from Page 1)

look over this vast array of splendid potatoes, so similar in appearance without feeling that behind them was a great fineness of patient selecting the seed, roguing out of diseases and giant hills, much spraying and most intimate observation of the details of potato growing.

I have always said that I think it takes a better farmer to succeed in northern Michigan than it does in counties farther south, and the potato show has convinced me that in this territory there are many farmers who have studied the science of potato production and the art of exhibit selection. It takes infinite pains to grow good potatoes; that is a science but it takes very close observation to pick out winning samples—that is where the art comes in.

Two spots in the industry sorely perplex those who make potato growing major enterprise on their farms. The first is the in-and-outer and the second is the man who is content to produce low quality potatoes. The waving up and down of the price is a disturbing element in progress. There were those pessimistic souls who believed that on account of the low price now prevailing for table stock, both the number of entries in the show and the attendance would be seriously reduced. It is a wonderful tribute to those farmers who have studied potato growing to the degree of mastery that they entries were some 39 per cent higher this year and that there was an increased attendance of interested farmers and their families. To curtail the show during years of low prices would be to stop the forward march of improvement; to maintain it on a basis of greatly increased quality of exhibits, displays that everlasting bulldog grit which is the synonym for consistent progress everywhere. This means that out of this quagmire of unprofitable prices arises real progress. Next year, I look for a greatly increased use of certified seed for it is in this field that Northern Michigan has attained unquestioned supremacy both within and without the state. The quality of certified seed produced in northern Michigan even now commands very substantially higher prices than table stock and will very likely continue to do so.

No factor has been more potent in bringing out the superiority of potatoes grown in northern Michigan than the Top O' Michigan show. Good potatoes cannot be exhibited without someone first produces them. Hence bringing together this

gigantic display of the elite of potatoedom has been a most important factor in impressing upon the rest of the world the blue ribbon character of potatoes produced in this region.

Looking forward to another year, I hope to see an increasing number of high class entries and an increased attendance. This is the one big event of the year that "tells it to the rest of the world" agriculturally speaking. And so I hope that no opportunity will be lost to tell it to them BIG.

BRIMES OF THE SHOW

(Continued from Page 1)

H. G. Waring of Kewadin, Antrim county, won sweepstakes in apples this year with northern spy. Last year he won sweepstakes with Steel Red.

Although the weather was far from ideal on the first day of the Show all the exhibits were in place on time.

J. Fred Brudy of Wolverine was seen around the Show room early. Fred won the sweepstakes in the potato class last year and was out to repeat.

In connection with the sweepstakes prize on potatoes it is interesting to note that the same grower has never won more than once. A new King is crowned each year.

The Michigan State College had a very attractive exhibit featuring the production, marketing and utilization of the potato. It occupied over 100 feet of wall and table space.

The best potato at the show was a Rural Russet grown by Peter McVannell of Gaylord. The best apple shown was a King exhibited by H. G. Waring of Kewadin.

Two of the four new county members of the association were present with exhibits—Alcona and Kalkaska. Crawford county was represented in the singing contest.

The Eveline Orchards of East Jordan were large exhibitors again this year and captured some of the prize money.

A. C. Lytle, Secretary of the show, also county agent of Osego county almost needed a larger hat when the judging was completed. His farmers won four out of the first five places in the Russet Rural Class and his county won first in the county exhibit.

Two Pennsylvania Potato growers drove up to see our show but arrived late Friday just as the show was being dismantled. They had miscalculated the time it would take them. It was rumored that Irvin Cole of Alanson sold them two car loads while they were here.

The apple pie baking contest again attracted the fair sex. Many good pies were baked. They were served at the banquet.

The Hardie Sprayer Company and the Bean Sprayer Company both had machinery on display in the Cook Garage adjoining the Show room.

The State Department of Agriculture had an interesting exhibit showing the different grades of potatoes and apples.

CONTESTS AT THE SHOW

(Continued from Page 1)

The winners and the essays of the best two are published in other columns of this paper.

Grading Contest
The grading contest attracted many contestants due to the interest in better grading to handle this years crop and on account of the additional prize money offered this year.

A Boggs grader was furnished by the Show association, over which each contestant was required to run one bushel of field run potatoes. The contestant was allowed three minutes and was required to sort them into four grades: U. S. No. 1; U. S. No. 1 small; U. S. No. 2; and culls.

There were fourteen prizes offered and the winners were as follows: First, A. M. McDonald, Millersburg; Second, Byron Lightfoot, Harbor Springs; third, Lloyd Skilton, Gaylord; fourth, Kenneth Burdette, Alanson; sixth, Arda Jolks, Goodhart; seventh, A. B. Hudson, Alanson; eighth, Clair Gregory, Harbor Springs; ninth, Irvin Cole, Alanson; tenth, Duane Lightfoot, Harbor Springs; eleventh, Veda Wheaton, Harbor Springs; twelfth, Rae Jolks, Goodhart; thirteenth, Ralph Dougherty, Gaylord; and fourteenth, Russel Cole of Alanson.

Apple Pie Contest
In the apple pie baking contest Mrs. Gutteridge of Gaylord won first place with a deliciously baked sliced apple pie. Fifty dollars in prizes were offered to the best eleven and the pies were served at the annual banquet at which Governor Green was the speaker. The Governor was served with a piece of this prize winning pie.

The other winners in this contest were as follows: second, Mrs. F. E. Wyrick, Alanson; fourth, Mrs. H. Bos, Ellsworth; fifth, Mrs. J. Bos, Ellsworth; sixth, Mrs. Al Sydon, Goodhart; seventh, Mrs. McLeomons, Gaylord; eighth, Mrs. Robert Daly, Gaylord; ninth, Mrs. L. D. Tralelet, Millersburg; eleventh, Mrs. H. L. Ostrander, Afton; The receipt for Mrs. Gutteridge's pie is published elsewhere in this issue.

Potato Paring
The women seemed a little backward in the potato paring contest on account of the large crowd in the Auditorium but when the contest was over Mrs. W. H. Green of Gaylord was found to be the winner. The other winners were as follows: second, Mrs. Elwin Van Buren of Vanderbilt; third, Mrs. H. Bos of Ellsworth; fourth, Mrs. J. Bos of Ellsworth; fifth, Mrs. John Newman of

Gaylord; sixth, Mrs. I. Vandenburg of Ellsworth; and seventh, Mrs. Dora Murnier of Gaylord.

In the apple variety identification contest Miss Edith Tibbits of Boyne City was first and D. D. Tibbits also of Boyne City second. The other winners were: third, F. W. Kroye, Harbor Springs; fourth, Luella Boudell, Bellaire; fifth, Geo. Cook, Harbor Springs.

Special Prizes
The Top O' Michigan Potato Association is particularly grateful to the many individuals and organizations that contributed special prizes to winners at the show each year.

The Alpena News cup offered to the potato grower having the best exhibit from Alpena; Presque Isle, Alcona or Montmorency counties was won by Albert Dietz of Hawke. This must be won three times to gain possession.

The Bay City Daily Times special offered to the winners in the bushel apple class was won by C. L. Randall Co., of Cheboygan (first) and H. G. Waring of Kewadin (second).

The Michigan Business Farmer (now merged with Michigan Farmer) silver cup was won by Peter McVannell of Gaylord. Permanent possession goes to the man winning first place in open class of Russet Rural twice.

During the six years of the show no grower has won this twice. Geo. Skelton of Gaylord, Mark Demerest of Johannesburg and W. D. Henley of Charlevoix won the 1750 pounds of 3-12-4 fertilizer offered by the Michigan State Farm Bureau.

H. Behling of Boyne City won the 1000 pounds of fertilizer offered by the American Agricultural Chemical Company for the best certified seed exhibit.

The Michigan Farmer offered a years subscription or renewal to every exhibitor who won a prize at the show.

Floyd Abbe of Hillman won the Frances Garvey prize of \$5.00 in gold to best club entry from Alpena, Presque Isle, Alcona or Montmorency county.

And last but not least the Bellaire Community M. E. church won first place and \$100 for the best church choir in the singing contest conducted under the auspices of the Michigan State College and the R. E. Olds Community Music Fund. Other winners as announced elsewhere are: second, Grayling Michelsen Memorial church; fourth, Vanderbilt M. E. church; and fifth Pickarel Lake Farmers club. A more complete account of this contest is contained elsewhere in this issue.

Certification and What it Means to the Seed Potato Buyer

Mosaic, leaf-roll, spindle-tuber and related diseases are the swindlers of a potato crop. Reductions in yield ranging from 15 to 70 percent or practically a total loss in severe cases may result from these maladies.

Careful field inspection of plants is the only known means of procedure for selecting healthy seed.

In our state these inspections are ably supervised by the Michigan State College. Certification of College inspected and approved fields is only by the Michigan Crop Improvement Association. Every sack of seed potatoes must carry their seal and tag. As any individual or agency is not prohibited by law to certify it is obvious that just what the term "certified seed" means to the buyer depends on where he buys his seed and who does the certifying.

Do not accept the word of others but protect yourself by specifying Chief Petoskey Brand Certified Seed.

**RUSSET RURAL IRISH COBBLER
WHITE RURAL GREEN MOUNTAIN**

Certified by the Michigan Crop Improvement Association, and

Distributed by

**Michigan Potato Growers
Exchange**

CADILLAC, MICHIGAN
A Farmer's Co-operative Organization

**The New Simplified E-Z Way Seed
Potato Cutter**

Patent Applied For

This cut shows our new E-Z-Way potato cutter, also a sample of the 2-4 and 6 piece cut. It will also make an 8 piece cut. Notice the exact uniformity and exactness of the cuts. No hand cutting can do such uniform cutting. It is not necessary to grade the potatoes according to size, the carrier cups carry the potatoes forward to the cutting head, and the potatoes are cut into the desired number of cuts.

The simplicity of the cutter is apparent to anyone at a glance, and a 14 year old boy can operate it, and two boys can keep more than 2 planters going. Can be operated by crank or 1/4 H. P. Motor.

To insure good healthy stands it is necessary that the seed be fresh out, full of sap and vitality, and also uniformly cut, so that the planter can do accurate work. This alone insures perfect stands of vigorous plants.

Geo. Hopkins, Greenville, Mich., writes June 23, 1928, The Simplified E-Z-Way cutter I bought cut 1200 bushels of seed for the 60 acres I planted. Never had a moments trouble with the cutter. The second cutter I ordered was for a neighbor who saw the excellent work the cutter was doing, and although he was half done planting, he had me order a cutter for he said that it did better and quicker work than the men he had cutting seed. There will be a big demand for these cutters next season.

A. D. Snyder, New Tripoli, Penn., writes Oct. 16, 1928, Although I only planted 35 acres the cutter paid for itself. It is well named "Simplified" for it is certainly a "Simplified E-Z-Way Potato Cutter." I let Trexler and Sons, Trexler, Penn., have it to cut their seed and they are so enthusiastic over the cutter, that they have exhibited it at the Reading and Schuylkill and other fairs in eastern Pennsylvania.

Send for Circular and Prices to the
Wm. Penn Jones Implement Works
1314 Washington Avenue South
MINNEAPOLIS, MINN.

The Extra Bushels Make The Profit

With V-C Fertilizers you not only get larger yields of potatoes per acre—but the tubers will be smoother and more uniform in size.

It's the yield of No. 1's that determines the profit. Quality stock brings a higher price.

V-C brands for potatoes carry that blend of plant food that insures an early start, rapid growth, full development and prompt maturity.

Mr. Pettifor, one of the prominent growers in Michigan, says:

"I have been using V-C Fertilizers on my farm since 1922 with good results. I have always found them pleasant to work with and I attribute a large share of credit to your fertilizer in being able to win 35 prizes in the past few years, among which was a first Premium at the Duluth International Potato Show in 1922 and in 1924 a sweepstakes at the Michigan State Show at East Lansing, Michigan."

Signed, Ernest Pettifor, Secretary,
Michigan Potato Producers' Ass'n.

Let V-C Fertilizers help you make a larger potato crop in 1929.

Ask your dealer for V-C brands for potatoes, or write:

**Virginia-Carolina
Chemical Corporation**
CINCINNATI, OHIO

